

José A. Rivera, BSCE Senior Environmental Engineer US EPA Region 2 - Caribbean Division City View Plaza II, Suite 7000 48 RD. 165 Km. 1.2 Guaynabo, Puerto Rico 00968-8069

RE: Administrative Order on Consent Docket Number CWA-02-2015-3102 – Compliance with AOC Section VII, ¶66

Dear Jose:

On March 18, 2015 AES Puerto Rico LP ("AES-PR") and the United States Environmental Protection Agency ("EPA") entered into the above referenced Administrative Order on Consent ("AOC"), under which AES-PR is obligated to comply with certain requirements (AOC Section VII, Ordered Provisions). All capitalized terms in this letter shall have the meaning as defined in the AOC.

Under AOC Section VII ¶66, within thirty (30) calendar days of the Effective Date of the AOC, AES-PR is required to complete and submit the MDMR forms for the benchmark monitoring conducted pursuant to the requirements of the previous Administrative Compliance Order (ACO), Docket Number CWA-02-2012-3100, and the MSGP. Section 7.1 of the MSGP requires the following "All monitoring data collected pursuant to Parts 6.2 and 6.3 must be submitted to EPA using EPA's online eNOI system (www.epa.gov/npdes/eNOI) no later than 30 days (email date or postmark date) after you have received your complete laboratory results for all monitored outfalls for the reporting period."

AES-PR previously timely submitted all required MDMR forms to the eNOI system, as required by the previous ACO and Section 7.1 of the MSGP. Nonetheless, in compliance with the new AOC requirement, AES-PR hereby submits copies of the required MDMR forms as attachments to this letter, as well as evidence showing the forms were filed online using EPA's eNOI system. We submit these forms and proof of previous filing with EPA's eNOI system for your acceptance and closure of the requirement set forth in Section VII, ¶66 of the AOC.

Please note that AES-PR is submitting these forms one day after signing the AOC, well in advance of the required deadline. We respectfully ask EPA to advise AES-PR promptly, should the agency have any concerns with this submission. Should AES-PR not receive any timely comments from EPA, we will reasonably consider that EPA has agreed that AES-PR has satisfied this requirement of AOC Section VII, ¶66 in full. Should EPA require additional time to review and provide comments back to AES-PR, that review time is of course entirely beyond the control of AES-PR and should be added to the required time frame for AES-PR to comply with this requirement.

Regards

Manuel Mata

President AES Puerto Rico

Attachments

Administrative Order on Consent AES Puerto Rico Coal Fired Power Plant Docket Number CWA-02-2015-3102 NPDES Tracking Number PRU020663

Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Manuel Mata

President AES Puerto Rico

3/20/15

Date

Administrative Order on Consent
AES Puerto Rico Coal Fired Power Plant
Docket Number CWA-02-2015-3102
NPDES Tracking Number PRU020663

Attachment 1

Administrative Order on Consent Docket Number CWA-02-2015-3102

Compliance with AOC Section VII, ¶66

Required Reporting for Q4 2013 under Section B-12 of our MSGP

Industrial Discharge Monitoring Report (MDMR)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)

Form Approved. OMB No. 2040-0004

MISGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)							
Reason(s) for Submission (Check all that apply):							
Reporting no on Reporting that Reporting that	☑ Submitting monitoring data (Fill in all Sections). ☐ Reporting no discharge for all outfalls for this monitoring period (Fill in Sections A, B, C.1, D, and F). ☐ Reporting that your site status has changed to inactive and unstaffed (Fill in Sections A, B, F and include date of status change in comment field in Section E.4). ☐ Reporting that your site status has changed to active (Fill in all Sections and include date of status change in comment field in Section E.4). ☐ Reporting that no further pollutant reductions are achievable for all outffalls and for all pollutants via Part 6.2.1.2 of the MSGP (Fill in Sections A, B and F).						
A. Permit Trackir		ompleting this Form.					
B. Facility Inform							
1. Facility Name:	ALES PUERTO RICO						
2. Facility Location							
a. Street:	PR-03 KM 142.0 BO.JOBOS						
b. City:	GUAYAMA	8 5 -					
3. Additional Facil	ity Information (Optional):						
Contact Name:	MANUEL MATA	o m					
Phone: 787-866-8117 Ext. 2233							
4. MDMR Preparer (Complete if MDMR was prepared by someone other than the person signing the certification in Section F)							
Prepared by: HECTOR M AVILA							
Organization: AES PUERTO RICO							
Email: hector.avila@aes.com							
Phone: 787-866-8117 Ext. 2266							
C. Discharge Information							
1. Identify monitoring period: Check here if proposing alternative monitoring periods due to irregular stormwater runoff. Identify alternative monitoring schedule and indicate for which alternative monitoring period you are reporting monitoring data:							
Quarter 1 (Ap	ril 1 – June 30)						
☐ Quarter 2 (July 1 – September 30) ☐ Quarter 2: From 0 4 / 0 1 To 0 6 / 3 0							
☐ Quarter 3 (October 1 – December 31) ☐ Quarter 3: From 0 7 7 0 1 To 0 9 7 3 0							
☐ Quarter 4 (January 1 - March 31) ☐ Quarter 4: From 1 0 / 0 1 To 1 2 / 3 1							
2. Are you required to monitor for cadmium, copper, chromium, lead, nickel, silver, or zinc? ☑ Yes (Complete line item 2.a.) ☐ No (Skip to Section D)							
2a. What is the hardness level of the receiving water? 6800 mg/L							
D. Outfall Information							
1. How many outfall(s) are identified in your SWPPP? 03 List name of outfall(s) required to be monitored in table below.							
2. Do any of your outfalls discharge substantially identical effluents? YES NO							
2.a. If yes, for each monitored outfall, indicate outfall names that are substantially identical in table below.							
3.A. Monitored Out	fall Name* 3.B. Substantially Identical Outfalls [List name(s) of outfall(s) substantially identical to outfall in 3.A. (if applicable)]	3.C. No Discharge?					
-							
*Reference attach	ment if additional space needed to complete the table.						

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)

Form Approved. OMB No. 2040-0004

E. Monitoring Information	tion					Note: Mak	Note: Make additional copies of this form as necessary.	orm as necessary.
1. Permit Tracking Num	1. Permit Tracking Number. PRR05BL65	6 5						
2. Nature of Discharge:	2. Nature of Discharge: 💋 Rainfall (Complete line items 2.a., 2.b., & 2.c.)	tems 2.a., 2.b., & 2.c.) 🔲 Snowmelt	_					
2.a. Duration of the rainfall event (hours):	fall event (hours): 0 1	2.b. Rainfall amount (inches): $\begin{bmatrix} 0 & 0 \end{bmatrix}$. $\begin{bmatrix} 3 & 0 & 0 \end{bmatrix}$	00	2.c. Time sii	nce previous measurable	2.c. Time since previous measurable storm event (days): 0 19	6	
3.a. Outfall Name	3.b. Monitoring Type (QBM, ELG, S/T, I, O)*	3.c. Parameter	3.d. Quality or Concentration	3.e. Units	3.f. Results Description	3.g. Collection Date	3.h. Exceedance due to natural background pollutant levels	3.i. No further pollutant reductions achievable?
005	QMB	Aluminum	93.6	mg/L		10/08/13		
200	QMB	Iron	116	mg/L		10/08/13		
2002	QMB	Lead	0.008	mg/L		10/08/13		
005	QMB	Zinc	0.272	mg/L		10/08/13		
004	QMB	Aluminum	11.1	mg/L		10/08/13		
004	QMB	Iron	13.2	mg/L		10/08/13		
004	QMB	Lead	0.007	mg/L		10/08/13		
004	QMB	Zinc	0.082	mg/L		10/08/13		
003	QMB	Aluminum	2.49	mg/L		10/08/13		
003A	QMB	Iron	2.41	mg/L		10/08/13		0
003A	QMB	Lead	0.004	mg/L		10/08/13		
003A	QMB	Zinc	0.171	mg/L		10/08/13		

* (QBM) - Quarterly benchmark monitoring; (ELG) - Annual effluent limitations guidelines monitoring; (S/T) - State- or Tribal-specific monitoring; (I) - Impaired waters monitoring; (O) -Other monitoring as required by EPA

4. Comment and/or Explanation of Any Violations (Reference all attachments here)

Certification	
Hector M. Avila	I certify under per under my directio that qualified pers Based on my inq persons directly r is, to the best of r
yped or Printed Name/Title of Principal Executive Officer or Authorized Agent	that there are signossibility of fine

uity of the person or persons who manage the system, or those responsible for gathering the information, the information submitted my knowledge and belief, true, accurate, and complete. I am aware infficant penalties for submitting false information, including the and imprisonment for knowing violations. nalty of law that this document and all attachments were prepared in or supervision in accordance with a system designed to assure sonnel properly gathered and evaluated the information submitted

Signature of Principal Executive Officer or Authorized Agent

Date

Email of Principal Executive Officer or Authorized Agent: hector | av | | av | | aae | aes

Instructions for Completing the MSGP Industrial Discharge Monitoring Report (MDMR)

Who Must Submit A Discharge Monitoring Report to EPA?

Facilities covered under the Multi-Sector General Permit (MSGP or permit) that are required to monitor pursuant to Parts 6.2, 6.3, and 8 of the permit must submit the MSGP Discharge Monitoring Report (MDMR) consistent with the reporting requirements specified in Part 7.1 of the permit.

Where to File the MDMR Form

Monitoring data collected pursuant to Parts 6.2, 6.3, and 8 of the permit must be submitted electronically via EPA's Electronic Notice of Intent System (eNOI), which can be found at www.epa.gov/npdes/enoi. Filing electronically will allow permittees to easily submit the results of monitoring data to EPA. If you cannot access eNOI, monitoring results must be reported on the paper MDMR form and sent to one of the following addresses:

Via U.S. mail:

U.S. Environmental Protection Agency Office of Water, Water Permits Division Mail Code 4203M, ATTN: MSGP Reports 1200 Pennsylvania Avenue, NW Washington, D.C. 20460

Via Overnight/Express Delivery:
U.S. Environmental Protection Agency
Office of Water, Water Permits Division
Room 7420, ATTN: MSGP Reports
1201 Constitution Avenue, NW
Washington, D.C. 20004
Phone number: 202-564-9545

Completing the MDMR Form

To complete this form, type or print in uppercase letters in the appropriate areas only. Be sure that you complete all applicable questions. Photocopy your MDMR form for your records before you send the completed original form to the appropriate address above. Use ink when you sign and mail the original document – EPA will not accept photocopies. You may also use this paper form as a checklist for the information you will need when submitting a MDMR electronically via EPA's eNOI system.

Reasons for Submission

Indicate your reason(s) for submitting this MDMR by checking all boxes that apply. The reasons for submission are defined as follows:

- Submitting monitoring data: For each storm sampled, submit one MDMR form with data for all outfalls sampled. Select this reason even if you only have monitoring data for some of your outfalls (i.e., some outfalls did not discharge). If you select this reason you are required to complete all Sections of the form.
- Reporting no discharge for all outfalls for this monitoring period: Indicates
 that there were no discharges from all outfalls during this monitoring
 period. If you select this reason you are only required to complete
 Sections A, B, C.1, D, and F.
- Reporting that your site status has changed to inactive and unstaffed:
 Indicates that your facility is currently inactive and unstaffed (See Part 6.2.1.3 of the permit for more information). If you select this reason you are only required to complete Sections A, B, and F and include date of status change in the comment field in Section E.4.
- Reporting that you site status has changed from inactive to active: Indicates that your facility is currently active (See Part 6.2.1.3 of the permit for more information). If you select this reason you are required to complete all Sections of the form and include date of status change in the comment field in Section E.4.
- Reporting that no further reductions are achievable for all outfalls and for all pollutants via Part 6.2.1.2 of the permit: Indicates that your facility has determined that no further pollutant reductions are technologically and economically practicable in light of best industry practice to meet the technology-based effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1.2 of the permit for more information). If you select this reason you are required to complete Sections A, B and F. However, if you can make this finding for some outfalls and pollutants, but not for others, you cannot select this reason; you will instead be able to identify which outfalls and which pollutants you can make this finding for in Section E.

Section A. Permit Tracking Number

Enter the National Pollutant Discharge Elimination System (NPDES) tracking number assigned by EPA's Stormwater Notice Processing Center to the facility. If you do not know the tracking number, you can find the tracking number assigned to your facility on EPA's Notice of Intent (NOI) Search website (www.epa.gov/npdes/noisearch).

Section B. Facility Information

- Enter the facility's official or legal name. Unless the name of your facility has changed, please use the same name provided on your NOI. You can use EPA's NOI Search website (www.epa.gov/npdes/noisearch) to view your NOI.
- 2.a-d. Enter the street address, including city, state, and zip code of the actual physical location of the facility. Do not use a P.O. Box.
- 3. (Optional) Identify the name, telephone number, and email address of the person who will serve as a contact for EPA on issues related to monitoring at your facility. This person should be able to answer questions related to stormwater discharges and monitoring or have immediate access to individuals with that knowledge. This person does not have to be the facility operator, but should have intimate knowledge of monitoring activities at the facility.
- 4. If the form was prepared by someone other than the person who is signing the certification statement in Section F (for example, if the MDMR was prepared by a member of the facility's stormwater pollution prevention team or a consultant for the certifier's signature), include the name, organization, phone number and email address of the MDMR preparer.

Section C. Discharge Information

- 1. Indicate the appropriate monitoring period (Quarter 1, 2, 3, or 4) covered by the MDMR. "Alternative" monitoring periods can apply to facilities located in arid and semi-arid climates, or in areas subject to snow or prolonged freezing. To use alternative monitoring periods, you must provide a revised monitoring schedule here in the first monitoring report submitted and indicate for which alternative monitoring periods, identify the first day of the monitoring period through the last day of the monitoring period for each of the four periods. The dates should be displayed as month (Mo) / day (Day). See Parts 6.1.6 and 6.1.7 of the permit for more information.
- If you are submitting benchmark monitoring data, identify if your facility is
 required to collect benchmark samples for one or more hardness-dependent
 metals (i.e., cadmium, copper, lead, nickel, silver, and zinc). If you select "yes"
 to this question you must also complete Question 2.a. and if you select "no" to
 this question you may skip to Section D.
- 2.a. If you selected "yes" for Question 2 under Section C, then you are required to submit to EPA with your first benchmark report a hardness level, established consistent with the procedures in Appendix J of the permit, which is representative of your receiving water. If your outfalls discharge to more than one receiving water, as reported in your NOI form, you should report hardness for the receiving water with the lowest hardness values. Hardness values must be reported in milligrams per liter (mg/L).

Section D. Outfall Information

- Enter the total number of outfalls identified in your stormwater pollution prevention plan (SWPPP). Outfalls are locations where stormwater exits the facility, including pipes, ditches, swales, and other structures used to remove stormwater from the facility.
- Indicate if your facility has two or more outfalls that you believe discharge substantially identical effluents (i.e., stormwater), based on the similarities of the general industrial activities and control measures, exposed materials that may significantly contribute pollutants to stormwater, and runoff coefficients of their drainage areas. See Parts 5.1.5.2 and 6.1.1 of the permit for more information on substantially identical outfalls.
- 2.a. If you selected "yes" for Question 2 under Section D, then you must list the outfall name(s) in Column 3.B. that you expect to be substantially identical to the corresponding outfall in Column 3.A.
- Monitored Outfall Name: List name(s) of outfall(s) you are required to monitor in Column 3.A.
- Substantially Identical Outfalls: List name(s) of outfall(s) substantially identical to "Monitored Outfall" in Column 3.A. (if applicable)].
- 3.C No Discharge: Check box if you are reporting "No Discharge" for the monitored outfall for the reporting period identified in Section C.1.

Example:

3.A Monitored Outfall Name	3.B. Substantially Identical Outfall	3.C. No Discharge
Outfall A	Outfall B; Outfall C	
Outfall D		X

Reference attachment if additional space is needed to complete the Table Section D.

Section E. Monitoring Information

- Enter the NPDES tracking number assigned by EPA's Stormwater Notice Processing Center to the facility reported in Section A.
- 2. For the reported monitoring event indicate whether the discharge was from a rainfall or snowmelt event. If you select "rainfall" then indicate the duration (in hours) of the rainfall event, rainfall total (in inches) for that rainfall event, and time (in days) since the previous measurable storm event in line items 2.a-c. For both rainfall and snowmelt monitoring, you must identify the date of collection for the monitoring event in column 3.g. of the table. If the discharge occurs during a period of both rainfall and snowmelt, check both the rainfall and snowmelt boxes and report the appropriate rainfall information in item 2.a-c. To report multiple monitoring events in the same reporting period, copy Page 2 of this Form and enter each monitoring event separately with data for all outfalls sampled.

For each pollutant monitored at an outfall, you must complete one row in the Table as follows:

- Outfall Name: Provide the outfall name for which you monitored (e.g., Outfall 1, Outfall 2, Outfall 3).
- 3.b. Monitoring Type: Provide the type of monitoring using the specified codes, in parentheses, below:
 - (QBM) Quarterly benchmark monitoring
 - . (ELG) Annual effluent limitations guidelines monitoring:
 - (S/T) State- or Tribal-specific monitoring;
 - . (I) Impaired waters monitoring; or
 - (O) Other monitoring as required by EPA.
- Parameter(s): Enter each "Parameter" (or "pollutant") monitored. For QBM and ELG monitoring, use the same parameter name as in Part 8 of the permit.
- 3.d. Quality or Concentration: Enter sample measurement value for each parameter analyzed and required to be reported. Enter "ND" (i.e., not detected) for any sample results below the method detection limit or "BQL" (i.e., below quantitation limit) for sample results above the detection limit but below the quantitation limit.
- 3.e. Units: Enter the units for sample measurement values (i.e., "mg/L" for milligrams per liter) for each parameter analyzed and required to be reported. For monitoring results reported as ND or BQL this space will be left blank and the units will be reported in Column 3.f.
- 3.f. Results Description: This section must be completed for any monitoring results reported as ND or BQL in the "Quality or Concentration" column. For ND, report the laboratory detection level and units in this column. For BQL, report the laboratory quantitation limit and units in this column.
- Collection Date: Identify the sampling date for each parameter monitoring result reported on this form.
- 3.h. Exceedance due to natural background pollutant levels: Check box if following the first 4 quarters of benchmark monitoring (or sooner if the exceedance is triggered by less than 4 quarters of data) you have determined that the exceedance of the benchmark is attributable solely to the presence of that pollutant in the natural background for that outfall and any substantially identical outfalls. See Part 6.2.4.2 of the permit for more information. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.
- 3.i. No further pollutant reductions achievable: Check box if after collection of 4 quarterly samples (or sooner if the exceedance is triggered by less than 4 quarters of data), the average of the 4 monitoring values for any parameter exceeds the benchmark and you have made the determination that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice to meet the technology-based

- effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1. of the permit for more information) for that outfall and any substantially identical outfalls. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.
- 4. Where violations of the permit requirements are reported, include a brief explanation to describe the cause and corrective actions taken, and reference each violation by date. Also, this section should include any additional comments such as are required when changing site status from inactive and unstaffed to active or vice versa. Attach additional pages if you need more space.

Attach additional copies of Section E as necessary to address all outfalls and parameters.

Section F. Certification

Enter "Name/Title of Principal Executive Officer or Authorized Agent" with "Signature of Principal Executive Officer or Authorized Agent," "Date" form was signed and email of the "Principal Executive Officer or Authorized Agent." If you submit multiple pages of Section E monitoring data, each page must be appropriately signed and certified as described below.

Certification statement and signature (see Section B.11 in Appendix B of the permit for more information). Federal statutes provide for severe penalties for submitting false information on this reporting form. Federal regulations require this form to be signed by one of the following individuals, or a duly authorized representative of that person, as follows:

For a corporation: by a responsible corporate officer, which means:

- (i) president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation, or
- (ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

For a partnership or sole proprietorship: by a general partner or the proprietor; or For a municipal, State, Federal, or other public facility: by either a principal executive or ranking elected official.

Paperwork Reduction Act Notice

Public reporting burden for this certification is estimated to average 7.25 hours per response plus an additional 2 hours for respondents required to gather hardness data, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments regarding the burden estimate, any other aspect of the collection of information, or suggestions for improving this form, including any suggestions which may increase or reduce this burden to: Director, Office of Environmental Information Services, Collection Services Division (2823), USEPA, 1200 Pennsylvania Avenue, NW, Washington, DC 20460. Include the OMB control number of this form on any correspondence. Do not send the completed MDMR form to this address.





REPORT OF ANALYSIS

ATTENTION:

Mr. Hector Avila

COMPANY:

AES Puerto Rico - Guayama

DATE: November 12, 2013

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1305160

SAMPLE DATE: 10/08/13

DESCRIPTION: Stormwater 002

SAMPLE COLLECTED BY: Client (H. Ávila)

TIME: 8:20AM

LAB. FILE ID: 1305160

DATE RECEIVED: 10/18/13 MATRIX: Water METHOD PARAMETER **EPA** SAMPLE UNITS BEL-1305160 DETECTION **ANALYST** DATE METHOD TYPE LIMIT ANALYZED Hardness, Total SM 2340 C* Grab mg/L 850. 3.50 GN 10/31/13 Aluminum 200.7(ICAP) Grab mg/L 93.6 0.050^ BTR 10/22/13 !ron 200.7(ICAP) Grab mg/L 116. 0.050^ BTR 10/22/13 Lead 200.7(ICAP) Grab ma/L 800.0 0.001 BTR 10/22/13 Zinc 200.7(ICAP) Grab mg/L 0.272 0.001 BTR 10/22/13

Alfonzo

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample r शक्षाद्ध to the sample submitted.

Loda. ins M. Chévere Alf Laboratory Director Chemist License 2370

Attachment: Chain of Custody R

PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING CERTIFICATION NUMBER E87556 •

192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

^{*}Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

[^]Dilution Factor: 5

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fox 787-841-7313

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY.	is Guy	·	SAMPLER Avila
SAMPLE LOCATION/CLIENT	ED 5	tornwate	۲_	002 TIME 8: 20 (AM) CONTROL NO.
SAMPLE DATE		10-8-	13	BEL. NO. 1305160 167581
General Environmental. Acidity		VSS Alkalinity ()	PC	SamplingWitness; Date/Time:
Ammonia as N ()		Bicarbonate ()	_	
BOD-S ()	;	Bromide ()		Relinquished by:
Chloride ()		Chlorine, Res. ()	_	Alb Fr
COD ()		Color (ADMI) ()	-	Date/Time: 10/18/13/1.46 am
Conductivity µmhos/cm() Dissolved Oxygen ()		Color (Pt-Co) ()		Received by:
Hardness ()		Cyanide () Fluoride ()		Received by:
Maisture %	ا اسدار	odide ()	_	July Mari / Tar
Nitrite ()	_ ;	Vitrate ()		Bate/Time: 104 18-131 9:46 Am
Oil+Grease ()	_	Vitrale + Nitrite ()		Relinquished by:
Phenol ()	P	oh, s.u.		Remidustedoy.
Phosphorus, Total ()		hosphate, Ortho ()	_	1 1/4 /m // 4 mm
Sett Solids mg/L ()		Sett. Solids mL/L ()	_	Date/Time: 10-13-17 1/.30 AM
Sulfate · () Sulfite ()		Colids, Total ()		Received by:
TDS ()		iulfide ()		Account by.) 0.
Temperature, *C		SS ()	_	
TOC ()	i	KN ()		Date/Time: 10/18/13 11:300m
Asbestos ()	-	Imbidity ()		Relinquished by:
TVS ()		arbonate ()		
Total Nitrogen ()		•		
2. Metals:	1,3 c			Date/Time:
Aluminum (Al) (X) Chromium (Cr) ()	<u> </u>	admium (Cd) ()		Received by:
Chromium (Cr) () Iron (Fe) (X)	1-2	opper (Cu) ()		
Manganese (Mn) ()		ead (Pb) (A) forcury (Hg) ()	区	Date/Time:
Nickel (Ni) ()		elenium (Se) ()	-	Dac Imic.
Silver (Ag) ()		()		Matrix
Zinc (Zn)	777	rsenic (As) ()		
Barium (Ba) ()	B	oron (B) ()	_	air () water (نهن sludge ()
Antimony (Sb) ()		eryllium (Be) ()	_	liquid () soil () solid ()
Bismuth (Bi) ()	0	elcium (Ca) ()		oil () mixed () other ()
Chromium, VI (CrVI) ()		obait (Co) ()		on () mixed () other ()
Magnesium (Mg) () Potassium (K) ()		lolybdenum (Mo) ()	_	Specify:
Potassium (K) () Sodium (Na) ()		(47)		opecty.
Thallium (II) ()	_	rontiun (Sr) () Innium (Ti) ()		Preservative Codes = PC
Vanadium (V) ()		thium (Li) ()	*****	T. PROLITACITO COUCS T. C.
		(2)		1 Cont 400
3. RCRA/Hazardous wastes				1. Cool, <6°C 6. Sodium Hydroxide(NaOH)
Ignitability (Flash PL)()		orrosivity ()		2. Sulfuric Acid (H ₂ SO ₄) pH<2 7. Zinc Acetate
Renetivity (CN & S) () RCRA Metals ()		CLP ()		3. Nitric Acid (HNO ₃), pH<2 8. Ascorbic Acid
Organics-BNA ()		ganics-Pest/Herb ()		4. Hydrochloric acid (HCI) 9. FAS
TOX ()	Ur	ganics-VOA ()	-	
()				5. Sodium Thiosulfate 10.Other
4. Specific Organics	Ph	enols GC ()		Samula tuna laganda
Volatiles ()		mi-Volitiles (BNA) ()	_	Sample type legend:
Pesticides/PCB's ()	PC	(B's Only	_	grab samples x
Herbicides (·)	_	H 418.1 ()		composite samples xx
BTEX () TTO & Diexin ()				- · · · · · · · · · · · · · · · · · · ·
· · · · · · · · · · · · · · · · · · ·		H 8015 ()	_	Turvaround time: Sampling Equipment:
S. Microbiology	U	ndane ()	_	I day () Automote 0 1 4 5
Fecal Coliform ()	To	tal Coliform ()		l day () Automatic Sampler ()
, ,				2 days () Sample Pick Up ()
Comments:				3 days ()
				5 days ()
				
				Note: normal turnaround time is ten (10) working days;
				additional charges apply for rush orders.





REPORT OF ANALYSIS

ATTENTION:

Mr. Hector Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: November 12, 2013

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1305161

SAMPLE COLLECTED BY: Client (H. Ávila) DATE RECEIVED: 10/18/13

SAMPLE DATE: 10/08/13

DESCRIPTION: Stormwater 003A

TIME: 08:35AM

LAB. FILE ID: 1305161 MATRIX. Water

					MIRIN: Water		
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1305161	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Hardness, Total Aluminum Iron Lead Zinc	SM 2340 C* 200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab Grab	mg/L mg/L mg/L mg/L mg/L	68.0 2.49 2.41 0.004 0.171	3.50 0.010 0.010 0.001	GN BTR BTR BTR	10/31/13 10/22/13 10/22/13 10/22/13

^{*}Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample resignee. sample submitted.

cda. Iris M. Chévere Alfonz

Laboratory Director Chemist License 2370

Attachment: Chain of Custody Records

PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING • CERTIFICATION NUMBER E87556 •

192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

192 Villa Street - Ponce, P.R. 00730-4875 Tel. 787-841-7373 - Fex 787-841 7313

CHAIN OF CUSTODY RECORD

PROYECT NO. COM	PANYAES Guoya	SAMPLER! AVILA
SAMPLE LOCATION/CLIENT ID	Stormwate	OO3 A TIME 08:35 CM CONTROL NO.
SAMPLE DATE	10-8-13	
General Environmental: P	C VSS PC	Complinativity
Acidity () _	Affealinity ()	Date/Time:
Ammonia as N ()	Bicarbonate ()	
BOD-5 ()	Bromide ()	Relinquished by:
Chloride () _	Chlorine, Res. ()	10313
COD ()	_ Color (ADMI) ()	Date/Time: 10/16/13 8:96
Conductivity Lunhos/cm ()		
Dissolved Oxygen ()	Cyanide ()	Received by:
Hardness (X)	Fluoride ()	Mate Ilina House
Nitrite ()	lodide () Nitrate ()	Date/Time: / 10=18-171 0:46 A-1
031.0		
Phenoi ()		Relinquished by:
Phosphorus, Total ()	_ pH, S.U. () Phosphate, Ortho ()	later Lung Arus
Sett Solids mg/L ()	_ Sett. Solids mL/L ()	
Sulfate ()	Solide Total	
Sulfice () _	Sulfide ()	Received by:
nos (j _		Jose R.
Temperature, °C ()	TSS ()	
10C · ()	_ TKN ()·	Date/Time: 10/18/13 117, 300000
Asbestos ()	_ Turbidity ()	Relinquished by:
vs () _	_ Carbonale ()	,
otal Nitrogen ()	-	
Metals:	2	Date/Time:
		Received by:
	Copper (Cu) ()	
ron (Fo) (X) 1.2 Manganese (Min) ()	Lead (Pb) 1/3	Decade
	Mercury (Hg) ()	Date/Time:
inc (Zn) () larium (Ba) () latinony (Sb) ()	Tin (Sn) () — Arsenic (As) ()	Matrix
larium (Ba)	Beren (B) ()	air () water (X) sludge ()
ntimony (Sb) ()	Beryllium (Be) ()	liquid () soil () solid ()
Dismuth (Bi) ()	Calcium (Ca) ()	
lismuth (Bi) ()	Cobalt (Co) ()	oil () mixed () other ()
iagnesium (Mg) ()	Molybdenum (Mo) ()	0 .0
otassium (K) ()	Silicon (Si) ()	Specify:
odium (Na) ()	Strontium (Sr) ()	
hallium (TI) () madium (V) ()	Titanium (Ti) ()	Preservative Codes = PC
DOD A MII		1. Cool,<6°C 6. Sodium Hydroxide(NaOH)
RCRA/Hazardous wastes nitability (Flash Pt.)()	Commentate :	
cactivity (CN & S) ()	Corrosivity ()	2. Sulfuric Acid (H ₂ SO ₂) pH<2 7. Zinc Acetate
CRA Metals ()	TCLP ()	3. Nitric Acid (HNO,), pH<2 8. Ascorbic Acid
rganics-BNA ()	Organics-Pest/Herb () Organics-VOA ()	4. Hydrochloric acid (HCl) 9. FAS
OX ()	Organics-VOA ()	5. Sodium Thiosulfate 10.0ther
Specific Organics	Phenois GC () ·	Sample type legend:
platiles ()	Semi-Volitiles (BNA) ()	• •
esticides/PCB's ()	PCB's Only ()	grab samples x
	TPH 418.1 ()	composite samples xx
TO & Dioxin ()	TTO ()	
	TPH 8015 ()	Turnaround time: Sampling Equipment:
Microbiology		I down () A 4 4 4 7 7 1 1 1
cal Coliform ()	Total Coliform ()	l day () Automatic Sampler ()
		2 days () Sample Pick Up ()
an man for		3 days ()
omments:		
		5 days ()
		Note: normal turnaround time is ten (10) working days;
		additional charges apply for rush orders.





REPORT OF ANALYSIS

ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: November 12, 2013

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1305162

DATE RECEIVED: 10/18/13

SAMPLE COLLECTED BY: Client (H. Ávila)

SAMPLE DATE: 10/08/13

DESCRIPTION: Stormwater 004

TIME: 8:42AM

LAB. FILE ID: 1305162

MATRIY. MA

				IVI	AIRIX: Water		
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1305162	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Hardness, Total Aluminum Iron Lead Zinc	SM 2340 C* 200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab Grab	mg/L mg/L mg/L mg/L mg/L	332. 11.1 13.2 0.007 0.082	3.50 0.010 0.010 0.001 0.001	GN BTR BTR BTR BTR	10/31/13 10/22/13 10/22/13 10/22/13 10/22/13

^{*}Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

MEO EIR

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data coping Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample resulting ample submitted.

Lcda. Iris M. Chévere Alfonto Laboratory Director Chemist License 2370

Attachment: Chain of Custody Records (1

PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING CERTIFICATION NUMBER E87556 • 192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

CHAIN OF CUSTODY RECORD

PROYECT NO.	TES (, voyon	sampled Avrla
SAMPLE LOCATION/CLIENT	Storn	water	OOY TIME 8:42 AM CONTROL NO.
SAMPLE DATE		0-8-1	3 BELNO 1305/62 167582
1. General Environmental:	PC VSS		PC SamplingWitness;
Acidity () Ammonia as N ()	Alkalinity	()	Date/Time:
BOD-S	Bicarbonate	()	- Relinquished by:
Chloride ()	Bromide Chlorine, Res.	()	- 0/02
COD	Chlorine, Res.	()	
Conductivity umbos/cm ()	Color (Pt-Co)	()	- Date/Time: 10/1/8/13 / 6-4/6 an
Dissolved Oxygen ()	Character 2	6.5	Received by:
Hardness 4	Fluoride	Ċ	- Water time Grund
Moisture % ()	lodide	()	= D4-70 10 10 0
Oil+Gresse ()	Nitrate	()	Date/Tiple: 1 10-18-13 1 8:46 Am
Phenol ()	Nitrate + Nitrite	()	Relinquished by:
Phosphorus, Total ()	pH, S.U. Phosphare, Ortho	, ()	- Notor Kin Channel
Sett Solids mg/L ()	Sett. Solids mL/		
Sulfate ()	Solids, Total	· ()	
Sulfite ()	Sulfide	()	Received by:
TDS () Temperature, *C ()	Surfactant	()	(Vel)·
TOC ()	TSS	().	Date/Time: (a/18/13 11:300
Asbestos	TKN	$\langle \cdot \rangle$.	Relinquished by:
TVS ()	Carbonate		Kemidmened ph.
Total Nitrogen ()		• • • • • • • • • • • • • • • • • • • •	
2. Metals:	Cadmium (C		Date/Time:
Aluminum (Al) (A) (Chromium (Cr) (Cadmium (C	() (b)	- Received by:
Chromium (Cr) () Iron (Fe)	Copper (Copper (Copper (P) Lead (P) Mercury (H) Selenium (S	(1) F	~,
Manganese (Mn)	Lead (P Mercury (H	in the 'a	Date/Time:
Nickel (NI) ()	Mercury (H Selenium (S	- , ,	Date;
Silver (Ag) ()	Tin (S		Matrix
Zine (Zn)	Tin (Si		
paumo (ga) ()	Вотол (В		air () water (火) sludge ()
Antimony (Sb) () Bismuth (Bi) ()	Beryllium (B		liquid () soil () solid ()
Chromium, VI (CrVI) ()	Calcium (Ci		oil () mixed () other ()
Marmatism () (a)			- () maked () office ()
Potaggium (K) ()	Molybdenum (M Silicon (Si		Specify:
Sodium (Na) ()	Strontium (St		
Thallium (Tl) ()	Titanium (Ti	. , , _	Preservative Codes = PC
Vanadium (V) ()	Lithium (Li) () _	
3. RCRA/Hazardous wastes			1. Cool,<6°C 6. Sodium Hydroxide(NaOH)
gnitability (Flash Pt.) ()	Сопозіті	()	
Reactivity (CN & S) ()	TCLP	()	2. Sulfuric Acid (H ₂ SO ₄) pH<2 7. Zinc Acetate
RCRA Metals ()	Organics-Pest/Her		- 3. Nitric Acid (HNO ₃), pH<2 8. Ascorbic Acid
Organics-BNA ()	Organics-VOA	`	4. Hydrochloric acid (HCl) 9. FAS
rox () <u> </u>	_		5. Sodium Thiosulfate 10.Other
l. Specific Organics	Dharata CO		
/olatiles () _	Phenols GC Semi-Volitiles (B)	,,() <u> </u>	 Sample type legend:
'esticides/PCB's ()	PCB's Only	^{γΛ)(}	grab samples x
ferbicides ()	TPH 418.1		· ·
OTEX ()	110	() [
TO & Dioxin ()	TPH 8015	()	Turnaround time: Sampling Equipment:
. Microbiology	Lindane	() _	*
ecal Coliform () _	Total Coliform	()	l day () Automatic Sampler ()
		()	2 days () Sample Pick Up ()
Comments:			3 days ()
			- •
			5 days ()
			Note: normal turnaround time is ten (10) working days;
			additional charges apply for rush orders.

ORIGINAL

Administrative Order on Consent
AES Puerto Rico Coal Fired Power Plant
Docket Number CWA-02-2015-3102
NPDES Tracking Number PRU020663

Attachment 2

Administrative Order on Consent Docket Number CWA-02-2015-3102

Compliance with AOC Section VII, ¶66

Required Reporting for Q1 2014 under Section B-12 of our MSGP

Industrial Discharge Monitoring Report (MDMR)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)

Form Approved. OMB No. 2040-0004

micor industrial biodification individual of the final						
Reason(s) for Submission (Check all that apply):						
□ Submitting monitoring data (Fill in all Sections). □ Reporting no discharge for all outfalls for this monitoring period (Fill in Sections A, B, C.1, D, and F). □ Reporting that your site status has changed to inactive and unstaffed (Fill in Sections A, B, F and include date of status change in comment field in Section E.4). □ Reporting that your site status has changed to active (Fill in all Sections and include date of status change in comment field in Section E.4). □ Reporting that no further pollutant reductions are achievable for all outffalls and for all pollutants via Part 6.2.1.2 of the MSGP (Fill in Sections A, B and F).						
A. Permit Tracking Number: PRR05BL65 Note: Read instructions before completing this Form.						
B. Facility Information						
1. Facility Name: A E S P U E R T O R C O						
2. Facility Location:						
a. Street: PR - 03 KM 142.0 BO.JOBOS						
b. City: G U A Y A M A	7 8 5 -					
3. Additional Facility Information (Optional):						
Contact Name: MANUEL MATA Email: manuell.mata@aes.c						
Phone: 787 - 866 - 81117 Ext. 2233						
4. MDMR Preparer (Complete if MDMR was prepared by someone other than the person signing the certification in Section F)						
Prepared by: HECTOR M AVILA						
Organization: AES PUERTO RICO						
Email: hector.avila@aes.com						
Phone: 787-866-8117 Ext. 2266						
C. Discharge Information						
1. Identify monitoring period: Check here if proposing alternative monitoring periods due to irregular stormwater runoff. Identify alter schedule and indicate for which alternative monitoring period you are reporting monitoring data:	native monitoring					
Quarter 1 (April 1 – June 30)						
☐ Quarter 2 (July 1 – September 30) ☐ Quarter 2: From 0 4 7 0 1 To 0 6 7 3 0						
Quarter 3 (October 1 – December 31) Quarter 3: From 0 7 7 0 1 To 0 9 7 3 0						
☐ Quarter 4 (January 1 – March 31) ☐ Quarter 4: From 1 0 7 7 0 1 To 1 2 7 3 1						
2. Are you required to monitor for cadmium, copper, chromium, lead, nickel, silver, or zinc? Yes (Complete line item 2.a.)						
2a. What is the hardness level of the receiving water? 6 8 0 0 mg/L						
D. Outfall Information						
1. How many outfall(s) are identified in your SWPPP? 0 3 List name of outfall(s) required to be monitored in table below.						
2. Do any of your outfalls discharge substantially identical effluents? YES Z NO						
2.a. If yes, for each monitored outfall, indicate outfall names that are substantially identical in table below.						
3.A. Monitored Outfall Name* 3.B. Substantially Identical Outfalls [List name(s) of outfall(s) substantially identical to outfall in 3.A. (if applicable)]	3.C. No Discharge?					
*Reference attachment if additional space needed to complete the table.						

& EPA

United States Environmental Protection Agency Washington, DC 20460 MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)

Form Approved. OMB No. 2040-0004

E. Monitoring Information	ion					Note: Mak	Note: Make additional copies of this form as necessary.	orm as necessary.
1. Permit Tracking Number:	oer:							
2. Nature of Discharge:	2. Nature of Discharge: Rainfall (Complete line items 2.a., 2.b., & 2.c.)	ie items 2.a., 2.b., & 2.c.) 🔲 Snowmelt						
2.a. Duration of the rainfall event (hours):	all event (hours):	2.b. Rainfall amount (inches):		2.c. Time s	2.c. Time since previous measurable storm event (days):	storm event (days):		
3.a. Outfall Name	3.b. Monitoring Type (QBM, ELG, S/T, I, O)*	3.c. Parameter	3.d. Quality or Concentration	3.e. Units	3.f. Results Description	3.g. Collection Date	3.h. Exceedance due to natural background pollutant levels	3.i. No further pollutant reductions achievable?
* (QBM) - Quarterly benc	shmark monitoring; (ELG)	(QBM) - Quarterly benchmark monitoring; (ELG) - Annual effluent limitations guidelines monitoring; (S/T) - State- or Tribal-specific monitoring; (I) - Impaired waters monitoring; (O) -Other monitoring as required by EPA	onitoring; (S/T) - Sta	te- or Tribal-	specific monitoring; (I) - Is	npaired waters monitoring;	(O) -Other monitoring as requ	ired by EPA
4. Comment and/or Expl	anation of Any Violations	 Comment and/or Explanation of Any Violations (Reference all attachments here) 						
F. Certification								
Hector M. Avila		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the persons or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware	his document and all attachments were prepared in accordance with a system designed to assure lathered and evaluated the information submitted no ersons who manage the system, or those thering the information, the information submittee at the belief, true, accurate, and complete. I am awar	tachments wastem design the information of the system the information the information and complete.	ed to assure on submitted. n, or those ition submitted is. I am aware			3/11/2
Typed or Printed Name	Typed or Printed Name/Title of Principal Executive Officer or Authorized Agent	that there are significant penalties possibility of fine and imprisonmer	for submitting false information, including the it for knowing violations.	ormation, inc		Signature of Principal Executive Officer or Authorized Agent	Officer or Authorized Agent	Date
Email of Principal Execut	Email of Principal Executive Officer or Authorized Agent:	hector avi	ila@alelsi.lclolm	Com				

Instructions for Completing the MSGP Industrial Discharge Monitoring Report (MDMR)

Who Must Submit A Discharge Monitoring Report to EPA?

Facilities covered under the Multi-Sector General Permit (MSGP or permit) that are required to monitor pursuant to Parts 6.2, 6.3, and 8 of the permit must submit the MSGP Discharge Monitoring Report (MDMR) consistent with the reporting requirements specified in Part 7.1 of the permit.

Where to File the MDMR Form

Monitoring data collected pursuant to Parts 6.2, 6.3, and 8 of the permit must be submitted electronically via EPA's Electronic Notice of Intent System (eNOI), which can be found at www.epa.gov/npdes/enoi. Filing electronically will allow permittees to easily submit the results of monitoring data to EPA. If you cannot access eNOI, monitoring results must be reported on the paper MDMR form and sent to one of the following addresses:

Via U.S. mail:

U.S. Environmental Protection Agency Office of Water, Water Permits Division Mail Code 4203M, ATTN: MSGP Reports 1200 Pennsylvania Avenue, NW Washington, D.C. 20460

Via Overnight/Express Delivery: U.S. Environmental Protection Agency Office of Water, Water Permits Division Room 7420, ATTN: MSGP Reports 1201 Constitution Avenue, NW Washington, D.C. 20004

Washington, D.C. 20004 Phone number: 202-564-9545

Completing the MDMR Form

To complete this form, type or print in uppercase letters in the appropriate areas only. Be sure that you complete all applicable questions. Photocopy your MDMR form for your records before you send the completed original form to the appropriate address above. Use ink when you sign and mail the original document – EPA will not accept photocopies. You may also use this paper form as a checklist for the information you will need when submitting a MDMR electronically via EPA's eNO! system.

Reasons for Submission

Indicate your reason(s) for submitting this MDMR by checking all boxes that apply. The reasons for submission are defined as follows:

- Submitting monitoring data: For each storm sampled, submit one MDMR form with data for all outfalls sampled. Select this reason even if you only have monitoring data for some of your outfalls (i.e., some outfalls did not discharge). If you select this reason you are required to complete all Sections of the form.
- Reporting no discharge for all outfalls for this monitoring period: Indicates
 that there were no discharges from all outfalls during this monitoring
 period. If you select this reason you are only required to complete
 Sections A, B, C.1, D, and F.
- Reporting that your site status has changed to inactive and unstaffed: Indicates that your facility is currently inactive and unstaffed (See Part 6.2.1.3 of the permit for more information). If you select this reason you are only required to complete Sections A, B, and F and include date of status change in the comment field in Section E.4.
- Reporting that you site status has changed from inactive to active: Indicates that your facility is currently active (See Part 6.2.1.3 of the permit for more information). If you select this reason you are required to complete all Sections of the form and include date of status change in the comment field in Section E.4.
- Reporting that no further reductions are achievable for all outfalls and for all pollutants via Part 6.2.1.2 of the permit: Indicates that your facility has determined that no further pollutant reductions are technologically and economically practicable in light of best industry practice to meet the technology-based effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1.2 of the permit for more information). If you select this reason you are required to complete Sections A, B and F. However, if you can make this finding for some outfalls and pollutants, but not for others, you cannot select this reason; you will instead be able to identify which outfalls and which pollutants you can make this finding for in Section E.

Section A. Permit Tracking Number

Enter the National Pollutant Discharge Elimination System (NPDES) tracking number assigned by EPA's Stormwater Notice Processing Center to the facility. If you do not know the tracking number, you can find the tracking number assigned to your facility on EPA's Notice of Intent (NOI) Search website (www.epa.gov/npdes/noisearch).

Section B. Facility Information

- Enter the facility's official or legal name. Unless the name of your facility has changed, please use the same name provided on your NOI. You can use EPA's NOI Search website (www.epa.gov/npdes/noisearch) to view your NOI.
- 2.a-d. Enter the street address, including city, state, and zip code of the actual physical location of the facility. Do not use a P.O. Box.
- 3. (Optional) Identify the name, telephone number, and email address of the person who will serve as a contact for EPA on issues related to monitoring at your facility. This person should be able to answer questions related to stormwater discharges and monitoring or have immediate access to individuals with that knowledge. This person does not have to be the facility operator, but should have intimate knowledge of monitoring activities at the facility.
- 4. If the form was prepared by someone other than the person who is signing the certification statement in Section F (for example, if the MDMR was prepared by a member of the facility's stormwater pollution prevention team or a consultant for the certifier's signature), include the name, organization, phone number and email address of the MDMR preparer.

Section C. Discharge Information

- 1. Indicate the appropriate monitoring period (Quarter 1, 2, 3, or 4) covered by the MDMR. "Alternative" monitoring periods can apply to facilities located in arid and semi-arid climates, or in areas subject to snow or prolonged freezing. To use alternative monitoring periods, you must provide a revised monitoring schedule here in the first monitoring report submitted and indicate for which alternative monitoring period you are reporting monitoring data. If using alternative monitoring periods, identify the first day of the monitoring period through the last day of the monitoring period for each of the four periods. The dates should be displayed as month (Mo) / day (Day). See Parts 6.1.6 and 6.1.7 of the permit for more information.
- If you are submitting benchmark monitoring data, identify if your facility is
 required to collect benchmark samples for one or more hardness-dependent
 metals (i.e., cadmium, copper, lead, nickel, silver, and zinc). If you select "yes"
 to this question you must also complete Question 2.a. and if you select "no" to
 this question you may skip to Section D.
- 2.a. If you selected "yes" for Question 2 under Section C, then you are required to submit to EPA with your first benchmark report a hardness level, established consistent with the procedures in Appendix J of the permit, which is representative of your receiving water. If your outfalls discharge to more than one receiving water, as reported in your NOI form, you should report hardness for the receiving water with the lowest hardness values. Hardness values must be reported in milligrams per liter (mg/L).

Section D. Outfall Information

- Enter the total number of outfalls identified in your stormwater pollution prevention plan (SWPPP). Outfalls are locations where stormwater exits the facility, including pipes, ditches, swales, and other structures used to remove stormwater from the facility.
- Indicate if your facility has two or more outfalls that you believe discharge substantially identical effluents (i.e., stormwater), based on the similarities of the general industrial activities and control measures, exposed materials that may significantly contribute pollutants to stormwater, and runoff coefficients of their drainage areas. See Parts 5.1.5.2 and 6.1.1 of the permit for more information on substantially identical outfalls.
- 2.a. If you selected "yes" for Question 2 under Section D, then you must list the outfall name(s) in Column 3.B. that you expect to be substantially identical to the corresponding outfall in Column 3.A.
- Monitored Outfall Name: List name(s) of outfall(s) you are required to monitor in Column 3.A.
- Substantially Identical Outfalls: List name(s) of outfall(s) substantially identical to "Monitored Outfall" in Column 3.A. (if applicable)].
- 3.C No Discharge: Check box if you are reporting "No Discharge" for the monitored outfall for the reporting period identified in Section C.1.

Administrative Order on Consent
AES Puerto Rico Coal Fired Power Plant
Docket Number CWA-02-2015-3102
NPDES Tracking Number PRU020663

Attachment 3

Administrative Order on Consent Docket Number CWA-02-2015-3102

Compliance with AOC Section VII, ¶66

Required Reporting for Q2 2014 under Section B-12 of our MSGP

Industrial Discharge Monitoring Report (MDMR)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Form Approved.

A CI	WASHINGTON, D MSGP INDUSTRIAL DISCHARGE MO		OMB No. 2040-0004				
Reason(s) for Su	bmission (Check all that apply):						
Reporting no Reporting tha	Reporting that your site status has changed to inactive and unstaffed (Fill in Sections A, B, F and include date of status change in comment field in Section E.4). Reporting that your site status has changed to active (Fill in all Sections and Include date of status change in comment field in Section E 4). Reporting that no further pollutant reductions are achievable for all outfalls and for all pollutants via Part 6.2.1.2 of the MSGP (Fill in Sections A, B and F).						
A. Permit Tracki	Ing Number: PRR05BL65	Note: Read instructions before	completing this Form				
B. Facility Inform							
1. Facility Name:							
2. Facility Location		() ()					
a. Street:	PRI-1013 KM 1142.0 BO.JOBOS						
b. City	GUAYAMA	c. State PR d. Zip Code: 00	7 8 5 -				
	dity Information (Optional):						
Contact Name:	MANUEL MATA	Email manuel.mata@aes.c	10m				
Phone:	787 - 866 - 8117 Ext. 2219 er (Complete if MDMR was prepared by someone other than the person signing the	and Francis Courts B					
Prepared by:	HECTOR M AVILA	e certification in Section F)					
Organization:							
Email:	helcit or lavii la@ales.com	└────── ──────────────────────────────					
Phone:		<u></u>					
C. Discharge Info							
Identify monitor	Check here if proposing alternative monitori	ng periods due to irregular stormwater runoff. Identify alter	native monitoring				
	schedule and indicate for which alternative	monitoring period you are reporting monitoring data	-				
	pril 1 – June 30) Querter 1: From // To						
	uly 1 − September 30)	0 6 / 3 0					
	ctober 1 – December 31) Quarter 3: From // To						
Quarter 4 (January 1 – March 31) Quarter 4 From/							
2. Are you required to monitor for cadmium, copper, chromium, lead, nickel, silver, or zinc? Yes (Complete line item 2 a) No (Skip to Section D)							
2a. What is the hardness level of the receiving water? 6800 mg/L D. Outfall Information							
D. Outfall Information 1. How many outfall(s) are identified in your SWPPP? 0 3 List name of outfall(s) required to be monitored in table below.							
1/	outfalls discharge substantially identical effluents? YES V NO	o monitored in allo bolon					
7	th monitored outfall, indicate outfall names that are substantially identical in table be	petow					
3.A. Monitored Ou	utfall Name* 3 B Substantially Identical Outfalls [List name(s) of outfall(s) subs	lantially identical to outfall in 3 A (if applicable)]	3.C. No Discharge?				
×							
		year of they are follows:					
		700000000000000000000000000000000000000					
		· · · · · · · · · · · · · · · · · · ·					
*Reference attach	nment if additional space needed to complete the table						



Form Approved. OMB No. 2040-0004

United States Environmental Protection Agency Washington, DC 20460
MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)

E. Monitoring Information	ion					Note: Mak	Note: Make additional copies of this form as necessary.	orm as necessary.
1. Permit Tracking Number:	ber PRROSBL65	6 5						
2. Nature of Discharge:	2. Nature of Discharge: 🗾 Rainfall (Complete line items 2.a., 2.b., & 2.c.)	tems 2.a., 2.b., & 2.c.) 🔲 Snowmelt						
2.a. Duration of the rainfall event (hours):	all event (hours): 0 1	2.b. Rainfall amount (inches): $\begin{bmatrix} 0 & 0 \end{bmatrix}$. $\begin{bmatrix} 4 & 0 & 0 \end{bmatrix}$	00 4	2.c. Time s	2.c. Time since previous measurable storm event (days):	storm event (days): 006	90	
3.a. Outfall Name	3.b. Monitoring Type (QBM, ELG, S/T, I, O)*	3.c. Parameter	3.d. Quality or Concentration	3.e. Units	3.f. Results Description	3.g. Collection Date	3.h. Exceedance due to natural background pollutant levels	3.i. No further pollutant reductions achievable?
002	QMB	Aluminum	1.63	mg/L		04/02/14		
002	QMB	lron	1.52	mg/L		04/02/14		
002	QMB	Lead	0.010	mg/L		04/02/14		
002	QMB	Zinc	0.014	mg/L		04/02/14		
9004	QMB	Aluminum	7.20	mg/L		04/02/14		
004	OMB	Iron	7.25	mg/L		04/02/14		
004	QMB	Lead	0.026	mg/L		04/02/14		
004	QMB	Zinc	0.439	mg/L		04/02/14		
• (QBM) - Quarterly bend	chmark monitoring; (ELG) - #	(QBM) - Quarterly benchmark monitoring; (ELG) - Annual effluent limitations guidelines monitoring; (S/T) - State- or Tribal-specific monitoring; (I) - Impaired waters monitoring; (O) -Other monitoring as required by EPA	onitoring; (S/T) - Sta	ite- or Tribal-	specific monitoring; (I) - In	paired waters monitoring; (O) -Other monitoring as requi	red by EPA
Comment and/or Expl	anation of Any Violations (R	 Comment and/or Explanation of Any Violations (Reference all attachments here) 						
F. Certification								
Hector M. Avila		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who menage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware	his document and all attachments were prepared in accordance with a system designed to assure athered and evaluated the information submitted or persons who manage the system, or those therior the information, the information submittee the belief, true, accurate, and complete. I am awar	tachments wastem design the information of the system the information of the information and comple	ed to assure on submitted. n, or those tion submitted tion submitted te. I am aware	an		3/11/200
Typed or Printed Name Officer or Au	Typed or Printed Name/Title of Principal Executive Officer or Authorized Agent	that there are significant penalties for submitting false info possibility of fine and imprisonment for knowing violations.	for submitting false information, including the it for knowing violations.	ormation, inc		Signature of Principal Executive Officer or Authorized Agent	Officer or Authorized Agent	Date
Email of Principal Execut	Email of Principal Executive Officer or Authorized Agent:	[h e c t o r . a v i	la@alelsl.	. Iclolm				

Instructions for Completing the MSGP Industrial Discharge Monitoring Report (MDMR)

Who Must Submit A Discharge Monitoring Report to EPA?

Facilities covered under the Multi-Sector General Permit (MSGP or permit) that are required to monitor pursuant to Perts 6 2, 6 3, and 8 of the permit must submit the MSGP Discharge Monitoring Report (MDMR) consistent with the reporting requirements specified in Part 7.1 of the permit

Where to File the MDMR Form

Monitoring data collected pursuant to Parts 6.2, 6.3, and 8 of the permit must be submitted electronically via EPA's Electronic Notice of Intent System (eNOi), which can be found at <a href="https://www.epa.gov/npdes/enoi. Fiting electronically will allow permittees to easily submit the results of monitoring data to EPA. If you cannot access eNOI, monitoring results must be reported on the paper MDMR form and sent to one of the following addresses:

Via U.S. mail:

U.S. Environmental Protection Agency Office of Water, Water Permits Division Mail Code 4203M, ATTN: MSGP Reports 1200 Pennsylvania Avenue, NW Washington, D.C. 20460

Via Overnight/Express Delivery:

U.S. Environmental Protection Agency Office of Water, Water Permits Division Room 7420, ATTN: MSGP Reports 1201 Constitution Avenue, NW Washington, D.C. 20004 Phone number: 202-564-9545

Completing the MDMR Form

To complete this form, type or print in uppercase letters in the appropriate areas only. Be sure that you complete all applicable questions. Photocopy your MDMR form for your records before you send the completed original form to the appropriate address above. Use ink when you sign and mail the original document. EPA will not accept photocopies. You may also use this paper form as a checklist for the information you will need when submitting a MDMR electronically via EPA's eNOI system.

Reasons for Submission

Indicate your reason(s) for submitting this MDMR by checking all boxes that apply The reasons for submission are defined as follows:

- Submitting monitoring data: For each storm sampled, submit one MDMR form with data for all outfalls sampled. Select this reason even if you only have monitoring data for some of your outfalls (i.e., some outfalls did not discharge). If you select this reason you are required to complete all Sections of the form.
- Reporting no discharge for all outfalls for this monitoring period: Indicates
 that there were no discharges from all outfalls during this monitoring
 period. If you select this reason you are only required to complete
 Sections A, B, C.1, D, and F.
- Reporting that your site status has changed to inactive and unstaffed: Indicates that your facility is currently inactive and unstaffed (See Part 6.2.1.3 of the permit for more information). If you select this reason you are only required to complete Sections A, B, and F and include date of status change in the comment field in Section E.4.
- Reporting that you site status has changed from mactive to active indicates that your facility is currently active (See Part 6 2 1 3 of the permit for more information). If you select this reason you are required to complete all Sections of the form and include date of status change in the comment field in Section E.4.
- Reporting that no further reductions are achievable for all outfalls and for all pollutants via Part 6.2.1.2 of the permit. Indicates that your facility has determined that no further pollutant reductions are technologically and economically practicable in light of best industry practice to meet the technology-based effluent limits or are necessary to meet the waterquality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1.2 of the permit for more information). If you select this reason you are required to complete Sections A, B and F. However, if you can make this linding for some outfalls and pollutants, but not for others, you cannot select this reason; you will instead be able to identify which outfalls and which pollutants you can make this finding for in Section E.

Section A. Permit Tracking Number

Enter the National Pollutant Discharge Elimination System (NPDES) tracking number assigned by EPA's Stormwater Notice Processing Center to the facility. If you do not know the tracking number, you can find the tracking number assigned to your facility on EPA's Notice of Intent (NOI) Search website (www.epa.gov/npdes/noisearch)

Section B. Facility Information

- Enter the facility's official or legal name. Unless the name of your facility has changed, please use the same name provided on your NOI. You can use EPA's NOI Search website (www epa gov/npdes/noisearch) to view your NOI.
- 2 a-d Enter the street address, including city, state, and zip code of the actual physical location of the facility. Do not use a P.O. Box.
- 3. (Optional) Identify the name, telephone number, and email address of the person who will serve as a contact for EPA on issues related to monitoring at your facility. This person should be able to answer questions related to stormwater discharges and monitoring or have immediate access to individuals with that knowledge. This person does not have to be the facility operator, but should have intimate knowledge of monitoring activities at the facility.
- 4 If the form was prepared by someone other than the person who is signing the certification statement in Section F (for example, if the MDMR was prepared by a member of the facility's stormwater pollution prevention team or a consultant for the certifier's signature), include the name, organization, phone number and email address of the MDMR preparer.

Section C. Discharge Information

- Indicate the appropriate monitoring period (Quarter 1, 2, 3, or 4) covered by the MDMR. "Alternative" monitoring periods can apply to facilities located in and and semi-arid climates, or in areas subject to snow or prolonged freezing. To use alternative monitoring periods, you must provide a revised monitoring schedule here in the first monitoring report submitted and indicate for which atternative monitoring period you are reporting monitoring data. If using alternative monitoring periods, identify the first day of the monitoring period through the last day of the monitoring period for each of the four periods. The dates should be displayed as month (Mo) / day (Day). See Parts 6.1 6 and 6.1.7 of the permit for more information.
- 2 If you are submitting benchmark monitoring data, identify if your facility is required to collect benchmark samples for one or more hardness-dependent metals (i.e., cadmium, copper, lead, nickel, silver, and zinc). If you select "yes" to this question you must also complete Question 2.a. and if you select "no" to this question you may skip to Section D.
- 2.a If you selected "yes" for Question 2 under Section C, then you are required to submit to EPA with your first benchmark report a hardness level, established consistent with the procedures in Appendix J of the permit, which is representative of your receiving water. If your outfalls discharge to more than one receiving water as reported in your NOI form, you should report hardness for the receiving water with the lowest hardness values. Hardness values must be reported in milligrams per liter (mg/L).

Section D. Outfall Information

- 1 Enter the total number of outfalls identified in your stormwater pollution prevention plan (SWPPP). Outfalls are locations where stormwater exits the facility, including pipes, ditches, swales, and other structures used to remove stormwater from the facility.
- Indicate if your facility has two or more outfalls that you believe discharge substantially identical effluents (i.e., stormwater), based on the similarities of the general industrial activities and control measures, exposed materials that may significantly contribute pollutants to stormwater, and runoff coefficients of their drainage areas. See Parts 5.1.5.2 and 6.1.1 of the permit for more information on substantially identical outfalls.
- 2 a If you selected "yes" for Question 2 under Section D, then you must list the outfall name(s) in Column 3.B. that you expect to be substantially identical to the corresponding outfall in Column 3.A.
- 3 A. Monitored Outfall Name: List name(s) of outfall(s) you are required to monitor in Column 3.A.
- Substantially Identical Outfalls: List name(s) of outfall(s) substantially identical to "Monitored Outfall" in Column 3.A. (if applicable).
- 3 C No Discharge Check box if you are reporting "No Discharge" for the monitored outfall for the reporting period identified in Section C.1.

Example:

3.A Monitored Outfall	3.B. Substantially Identical Outfall	3.C. No
Name		Discharge
Outfall A	Outfail B; Outfall C	
Outfall D		X

Reference attachment if additional space is needed to complete the Table Section D.

Section E. Monitoring Information

- Enter the NPDES tracking number assigned by EPA's Stormwater Notice Processing Center to the facility reported in Section A.
- 2. For the reported monitoring event indicate whether the discharge was from a rainfall or snowmelt event. If you select 'rainfall' then indicate the duration (in hours) of the rainfall event, rainfall total (in inches) for that rainfall event, and time (in days) since the previous measurable storm event in line items 2.a-c. For both rainfall and snowmelt monitoring, you must identify the date of collection for the monitoring event in column 3.g. of the table. If the discharge occurs during a period of both rainfall and snowmelt, check both the rainfall and snowmelt boxes and report the appropriate rainfall information in item 2.a-c. To report multiple monitoring events in the same reporting period, copy Page 2 of this Form and enter each monitoring event separately with data for all outfalls sampled.

For each pollutant monitored at an outfall, you must complete one row in the Table as follows:

- Outfall Name: Provide the outfall name for which you monitored (e.g., Outfall 1, Outfall 2, Outfall 3).
- Monitoring Type: Provide the type of monitoring using the specified codes, in parentheses, below:
 - . (QBM) Quarterly benchmark monitoring
 - (ELG) Annual effluent limitations guidelines monitoring;
 - (S/T) State- or Tribal-specific monitoring;
 - . (I) Impaired waters monitoring; or
 - . (0) Other monitoring as required by EPA.
- 3.c. Parameter(s): Enter each "Parameter" (or "pollutant") monitored. For QBM and ELG monitoring, use the same parameter name as in Part 8 of the permit.
- 3.d. Quality or Concentration: Enter sample measurement value for each parameter analyzed and required to be reported. Enter "ND" (i.e., not detected) for any sample results below the method detection limit or "BQi." (i.e., below quantitation limit) for sample results above the detection limit but below the quantitation limit.
- 3.e. Units: Enter the units for sample measurement values (i.e., "mg/L" for milligrams per liter) for each parameter analyzed and required to be reported. For monitoring results reported as ND or BQL this space will be left blank and the units will be reported in Column 3.f.
- 3.f. Results Description: This section must be completed for any monitoring results reported as ND or BQL in the "Quality or Concentration" column. For ND, report the laboratory detection level and units in this column. For BQL, report the laboratory quantitation limit and units in this column.
- Collection Date: Identify the sampling date for each parameter monitoring result reported on this form.
- 3.h. Exceedance due to natural background pollutant levels: Check box if following the first 4 quarters of benchmark monitoring (or sooner if the exceedance is triggered by less than 4 quarters of data) you have determined that the exceedance of the benchmark is attributable solely to the presence of that pollutant in the natural background for that outfall and any substantially identical outfalls. See Part 6.2.4.2 of the permit for more information. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.
- 3.i. No further pollutant reductions achievable: Check box if after collection of 4 quarterly samples (or sooner if the exceedance is triggered by less than 4 quarters of data), the average of the 4 monitoring values for any parameter exceeds the benchmark and you have made the determination that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice to meet the technology-based

- effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1. of the permit for more information) for that outfall and any substantially identical outfalls. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.
- 4. Where violations of the permit requirements are reported, include a brief explanation to describe the cause and corrective actions taken, and reference each violation by date. Also, this section should include any additional comments such as are required when changing site status from inactive and unstaffed to active or vice versa. Attach additional pages if you need more space.

Attach additional copies of Section E as necessary to address all outfalls and parameters.

Section F. Certification

Enter "Name/Title of Principal Executive Officer or Authorized Agent" with
"Signature of Principal Executive Officer or Authorized Agent," "Date" form was signed and email of the "Principal Executive Officer or Authorized Agent." If you submit
multiple pages of Section E monitoring data, each page must be appropriately signed and certified as described below.

Certification statement and signature (see Section B.11 in Appendix B of the permit for more information). Federal statutes provide for severe penalties for submitting false information on this reporting form. Federal regulations require this form to be signed by one of the following individuals, or a duly authorized representative of that person, as follows:

For a corporation: by a responsible corporate officer, which means:

- (i) president, secretary, weasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation, or
- (ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

For a partnership or sole proprietorship: by a general partner or the proprietor; or For a municipal, State, Federal, or other public facility: by either a principal executive or ranking elected official.

Paperwork Reduction Act Notice

Public reporting burden for this certification is estimated to average 7.25 hours per response plus an additional 2 hours for respondents required to gather hardness data, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments regarding the burden estimate, any other aspect of the collection of information, or suggestions for improving this form, including any suggestions which may increase or reduce this burden to: Director, Office of Environmental Information Services, Collection Services Division (2823), USEPA, 1200 Pennsylvania Avenue, NW, Washington, DC 20460. Include the OMB control number of this form on any correspondence. Do not send the completed MDMR form to this address.



United States Environmental Protection Agency Washington, DC 20460 PINDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)

Form Approved. OMB No. 2040-0004

MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)	JMB NO. 2040-0004							
Reason(s) for Submission (Check all that apply):								
Submitting monitoring data (Fill in all Sections). Reporting no discharge for all outfalls for this monitoring period (Fill in Sections A, B, C.1, D, and F). Reporting that your site status has changed to inactive and unstaffed (Fill in Sections A, B, F and include date of status change in comment field in Section Reporting that your site status has changed to active (Fill in all Sections and include date of status change in comment field in Section E.4). Reporting that no further pollutant reductions are achievable for all outfalls and for all pollutants via Part 6.2.1.2 of the MSGP (Fill in Sections A, B and F).	ı E.4)							
A. Permit Tracking Number: PRR05BL65 Note: Read instructions before	completing this Form.							
B. Facility Information								
1. Facility Name: AES PUERTO RICO								
2. Facility Location:								
a. Street PR - 03 KM 142.0 BO.JOBOS								
b. City: GUAYAMA	<u> </u>							
3. Additional Facility Information (Optional):								
Contact Name: MANUEL MATA Email manuell. maltagaesc								
Phone: 7 8 7 - 8 6 6 - 8 1 1 7 Ext. 2 2 1 9								
4. MDMR Preparer (Complete if MDMR was prepared by someone other than the person signing the certification in Section F) Prepared by: HECTOR M AVILA								
Email: he c t o r . a v i l a@ a e s . c o m								
Phone: 787-866-8117 Ext. 2266								
C. Discharge Information 1. Identify monitoring periods due to irregular stormwater runoff Identify alternative monitoring								
1. Identify monitoring period: Check rele is proposing alternative monitoring periods due to irregular stormwater funding laternative monitoring period you are reporting monitoring data:	iative monitoring							
Quarter 1 (April 1 – June 30)								
Quarter 2 (July 1 – September 30)								
Quarter 3 (October 1 – December 31) Quarter 3: From/								
Quarter 4 (January 1 – March 31) Quarter 4: From // To // To // //								
2. Are you required to monitor for cadmium, copper, chromium, lead, nickel, silver, or zinc? 🗹 Yes (Complete line item 2 a) 🔲 No (Skip to Section D)								
2a. What is the hardness level of the receiving water? 6800 mg/L								
D. Outfall Information								
1. How many outfall(s) are identified in your SWPPP? 03 List name of outfall(s) required to be monitored in table below.								
2. Do any of your outfalls discharge substantially identical effluents?								
2.a. If yes, for each monitored outfall, indicate outfall names that are substantially identical in table below.								
3.A. Monitored Outfall Name* 3.B. Substantially Identical Outfalls (List name(s) of outfall(s) substantially identical to outfall in 3.A. (if applicable)}	3.C. No Discharge?							
*Reference attachment if additional space needed to complete the table								

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 SGP INDUSTRIAL DISCHARGE MONITORING REPORT ANDMR

Form Approved OMB No. 2040-0004

		MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)	ARGE MONITOR	ING REPO	RT (MDMR)			
E. Monitoring Information	tion					Note: Mak	Note: Make additional copies of this form as necessary.	form as necessary.
1 Permit Tracking Number	The PRROSBL65	65						
2. Nature of Discharge	2. Nature of Discharge 🗾 Ramfall (Complete line items 2 a	ntems 2 a 2 b & 2 c) Snowmelt						
2.a. Duration of the rainfall event (hours)	Ifall event (hours) 0 1	2 b Rainfall amount (inches)	4	2 c Times	ince previous measurable	c Time since previous measurable storm event (days) 0006	9	
3.a. Outfall Name	3 b Montoning Type (QBM ELG S/T I O)*	3 c Parameter	3 d Quality or Concentration	3 e. Units	3 f Results Description	3 g Collection Date	3 h Exceedance due to natural background pollutant levels	3 No further pollutant reductions achievable?
003	QMB	Aluminum	900.0	mg/L		04/09/14		
003	QMB	Iron	0.023	mg/L		04/09/14		
003	QMB	Lead	0.010	mg/L		04/09/14		
6003	QMB	Zınc	0.057	mg/L		04/09/14		
							0	
* (QBM) Quarterly bend	chmark monitoring (ELG) - i	Quarterly benchmark montoring (ELG) - Annual effluent timitations guidelines monitoring (ST) - State- or Tibal-specific monitoring; (I) - Impaired waters monitoring; (O) -Other monitoring as required by EPA	omtonng (S/T) - Sta	ite- or Tnbai	specific monitoring; (I) - Ir	npaired waters monitoring; ((Other monitoring as requ	ired by EPA
4. Comment and/or Exp.	tanation of Any Violations (R	 4. Comment and/or Explanation of Any Violations (Reference all attachments here) 						
F. Certification								
Hector M. Avila		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personne property gathered and evaluated the information submitted Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the bast of my knowledge and belief, true, eccurate, and complete. I am event	of law that this document and all attachments were prepared supervision in accordance with a system designed to assure at property gathered and evaluated the information submitted at the person or persons who manage the system, or those malble for gathering the information, the information submitted may belief; frue, accurate, and complete. I am awas	tachments wastem design the information of the system in the information and comple	ere prepared od to assure on submitted or those ion submitted ion submitted is a submitted ion submitted ion submitted ion aware	The second second		sifeifi
Typed or Printed Name Officer or Au	Typed or Printed Name/Title of Principal Executive Officer or Authorized Agent	that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	submitting false info or knowing violations	ormation, inc		Signature of Principal Executive Officer or Authorized Agent	fficer or Authorized Agent	Date
Email of Principal Execu-	Email of Principal Executive Officer or Authorized Agent:	heicholr		200				

Instructions for Completing the MSGP Industrial Discharge Monitoring Report (MDMR)

Who Must Submit A Discharge Monitoring Report to EPA?

Facilities covered under the Multi-Sector General Permit (MSGP or permit) that are required to monitor pursuant to Parts 6 2, 6 3, and 8 of the permit must submit the MSGP Discharge Monitoring Report (MDMR) consistent with the reporting requirements specified in Part 7.1 of the permit

Where to File the MDMR Form

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Via U.S mail

U.S. Environmental Protection Agency Office of Water, Water Permits Division Mail Code 4203M, ATTN: MSGP Reports 1200 Pennsylvania Avenue, NW Washington, D.C. 20460

Via Overnight/Express Delivery

U.S. Environmental Protection Agency Office of Water, Water Permits Division Room 7420. ATTN: MSGP Reports 1201 Constitution Avenue, NW Washington, D.C. 20004 Phone number: 202-564-9545

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Reasons for Submission

Indicate your reason(s) for submitting this MDMR by checking all boxes that apply. The reasons for submission are defined as follows:

- Submitting monitoring data: For each storm sampled, submit one MDMR form with data for all outlats sampled. Select this reason even if you only have monitoring data for some of your outlats (i.e., some outlats did not discharge). If you select this reason you are required to complete all Sections of the form.
- Reporting no discharge for all outfalls for this monitoring period: Indicates
 that there were no discharges from all outfalls during this monitoring
 period. If you select this reason you are only required to complete
 Sections A, B, C 1, D, and F.
- Reporting that your site status has changed to inactive and unstaffed Indicates that your facility is currently inactive and unstaffed (See Part 6.2.1.3 of the permit for more information). If you select this reason you are only required to complete Sections A, B, and F and include date of status change in the comment field in Section E.4.
- Reporting that you site status has changed from inactive to active.
 Indicates that your facility is currently active (See Part 6 2 1 3 of the permit for more information.) If you select this reason you are required to complete all Sections of the form and include date of status change in the comment field in Section E.4.
- Reporting that no further reductions are achievable for all outfalls and for all polfutants via Part 6.2.1.2 of the permit: Indicates that your facility has determined that no further pollutant reductions are technologically and economically practicable in light of best industry practice to meet the technology-based effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1.2 of the permit for more information). If you select this reason you are required to complete Sections A, B and F. However, if you can make this finding for some outfalls and pollutants, but not for others, you cannot select this reason; you will instead be able to identify which outfalls and which pollutants you can make this finding for in Section E.

Section A. Permit Tracking Number

Enter the National Pollutant Discharge Elmination System (NPDES) tracking number assigned by EPA's Stormwater Notice Processing Center to the facility. If you do not know the tracking number, you can find the tracking number assigned to your facility on EPA's Notice of Intent (NOI) Search website (www.epa.gov/npdes/noisearch)

Section B. Facility Information

- 1 Enter the facility's official or legal name. Unless the name of your facility has changed, please use the same name provided on your NOI. You can use EPA's NOI Search website (www.epa.gov/npdes/noisearch) to view your NOI.
- 2 a-d Enter the street address, including city, state, and zip code of the actual physical location of the facility. Do not use a P.O. Box.
- (Optional) Identify the name, telephone number, and email address of the
 person who will serve as a contact for EPA on issues related to monitoring at
 your facility. This person should be able to answer questions related to
 stormwater discharges and monitoring or have immediate access to individuals
 with that knowledge. This person does not have to be the facility operator, but
 should have intimate knowledge of monitoring activities at the facility.
- 4. If the form was prepared by someone other than the person who is signing the certification statement in Section F (for example, if the MDMR was prepared by a member of the facility's stormwater pollution prevention team or a consultant for the certifier's signature), include the name, organization, phone number and email address of the MDMR preparer.

Section C. Discharge Information

- 1. Indicate the appropriate monitoring period (Quarter 1, 2, 3, or 4) covered by the MDMR. "Alternative" monitoring periods can apply to facilities located in arid and semi-arid climates, or in areas subject to snow or protonged freezing. To use alternative monitoring periods, you must provide a revised monitoring schedule here in the first monitoring report submitted and indicate for which alternative monitoring period you are reporting monitoring data. If using alternative monitoring periods, identify the first day of the monitoring period through the last day of the monitoring period for each of the four periods. The dates should be displayed as month (Mo) / day (Day). See Parts 8.1.6 and 6.1.7 of the permit for more information.
- If you are submitting benchmark monitoring data, identify if your facility is
 required to collect benchmark samples for one or more hardness-dependent
 metals (i.e., cadmium, copper, lead, nickel, silver, and zinc). If you select "yes"
 to this question you must also complete Question 2.a. and if you select "no" to
 this question you may skip to Section D.
- 2.a. If you selected "yes" for Question 2 under Section C, then you are required to submit to EPA with your first benchmark report a hardness level, established consistent with the procedures in Appendix J of the permit, which is representative of your receiving water. If your outfalls discharge to more than one receiving water, as reported in your NOI form, you should report hardness for the receiving water with the lowest hardness values. Hardness values must be reported in milligrams per liter (mg/L).

Section D. Outfall Information

- Enter the total number of outfalls identified in your stormwater pollution prevention plan (SWPPP) Outfalls are locations where stormwater exits the facility, including pipes, driches, swales, and other structures used to remove stormwater from the facility.
- Indicate if your facility has two or more outfalls that you believe discharge substantially identical effluents (i.e., stormwater), based on the similarities of the general industrial activities and control measures, exposed materials that may significantly contribute pollutants to stormwater, and runoff coefficients of their drainage areas. See Parts 5.1.5.2 and 6.1.1 of the permit for more information on substantially identical outfalls.
- 2.a. If you selected "yes" for Question 2 under Section D, then you must list the outfall name(s) in Column 3.B. that you expect to be substantially identical to the corresponding outfall in Column 3.A.
- Monitored Outfall Name: List name(s) of outfall(s) you are required to monitor in Column 3.A.
- 3 B Substantially Identical Outfalls: List name(s) of outfall(s) substantially identical to "Monitored Outfall" in Column 3.A. (if applicable)].
- 3.C No Discharge: Check box if you are reporting "No Discharge" for the monitored outfall for the reporting period identified in Section C.1

Fxample:

3.A Monitored Outfall	3.B. Substantially Identical Outfall	3.C. No
Name		Discharge
Outfall A	Outfall B; Outfall C	
Outfall D		X

Reference attachment if additional space is needed to complete the Table Section D.

Section E. Monitoring Information

- Enter the NPDES tracking number assigned by EPA's Stormwater Notice Processing Center to the facility reported in Section A.
- 2. For the reported monitoring event indicate whether the discharge was from a rainfall or snowmelt event. If you select "rainfall" then indicate the duration (in hours) of the rainfall event, rainfall total (in inches) for that rainfall event, and time (in days) since the previous measurable storm event in line items 2.a-c. For both rainfall and snowmelt monitoring, you must identify the date of collection for the monitoring event in column 3.g. of the table. If the discharge occurs during a period of both rainfall and snowmelt, check both the rainfall and snowmelt boxes and report the appropriate rainfall information in item 2.a-c. To report multiple monitoring events in the same reporting period, copy Page 2 of this Form and enter each monitoring event separately with data for all outfalls sampled.

For each pollutant monitored at an outfall, you must complete one row in the Table as follows:

- Outfall Name: Provide the outfall name for which you monitored (e.g., Outfall 1, Outfall 2, Outfall 3).
- Monitoring Type: Provide the type of monitoring using the specified codes in parentheses, below:
 - (QBM) Quarterly benchmark monitoring
 - (ELG) Annual effluent limitations guidelines monitoring;
 - . (S/T) State- or Tribal-specific monitoring;
 - . (I) Impaired waters monitoring; or
 - (0) Other monitoring as required by EPA.
- 3.c. Parameter(s): Enter each "Parameter" (or "pollutant") monitored For QBM and ELG monitoring, use the same parameter name as in Part 8 of the permit
- 3.d. Quality or Concentration: Enter sample measurement value for each parameter analyzed and required to be reported. Enter "ND" (i.e., not detected) for any sample results below the method detection limit or "BQL" (i.e., below quantitation limit) for sample results above the detection limit but below the quantitation limit.
- 3.e. Units: Enter the units for sample measurement values (i.e., 'mg/L' for milligrams per liter) for each parameter analyzed and required to be reported. For monitoring results reported as ND or BQL this space will be left blank and the units will be reported in Column 3.f.
- 3.f. Results Description: This section must be completed for any monitoring results reported as ND or BQL in the "Quality or Concentration" column. For ND, report the laboratory detection level and units in this column. For BQL, report the laboratory quantitation limit and units in this column.
- Collection Date: Identify the sampling date for each parameter monitoring result reported on this form.
- 3.h. Exceedence due to natural background pollutant levels: Check box if following the first 4 quarters of benchmark monitoring (or sooner if the exceedance is triggered by less than 4 quarters of data) you have determined that the exceedance of the benchmark is attributable solely to the presence of that pollutant in the natural background for that outfall and any substantially identical outfalls. See Part 6.2.4.2 of the permit for more information. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.
- 3.i. No further pollutant reductions achievable: Check box if after collection of 4 quarterly samples (or sooner if the exceedance is triggered by less than 4 quarters of data), the average of the 4 monitoring values for any parameter exceeds the benchmark and you have made the determination that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice to meet the technology-based

- effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1. of the permit for more information) for that outfall and any substantially identical outfalls. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.
- Where violations of the permit requirements are reported, include a brief explanation to describe the cause and corrective actions taken, and reference each violation by date. Also, this section should include any additional comments such as are required when changing site status from inactive and unstaffed to active or vice versa. Attach additional pages if you need more space.

Attach additional copies of Section E as necessary to address all outfalls and parameters.

Section F. Certification

Enter "Name/Title of Principal Executive Officer or Authorized Agent" with "Signature of Principal Executive Officer or Authorized Agent," "Date" form was signed and email of the "Principal Executive Officer or Authorized Agent." If you submit multiple pages of Section E monitoring data, each page must be appropriately signed and certified as described below.

Certification statement and signature (see Section B.11 in Appendix B of the permit for more information). Federal statutes provide for severe penalties for submitting false information on this reporting form. Federal regulations require this form to be signed by one of the following individuals, or a duly authorized representative of that person, as follows:

For a corporation: by a responsible corporate officer, which means:

- (i) president, secretary, treasurer, or vice-president of the corporation in charge
 of a principal business function, or any other person who performs similar policy
 or decision making functions for the corporation, or
- (ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

For a partnership or sole proprietorship: by a general partner or the proprietor; or For a municipal, State, Federal, or other public facility: by either a principal executive or ranking elected official.

Paperwork Reduction Act Notice

Public reporting burden for this certification is estimated to average 7.25 hours per response plus an additional 2 hours for respondents required to gather hardness data, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments regarding the burden estimate, any other aspect of the collection of information, or suggestions for improving this form, including any suggestions which may increase or reduce this burden to: Director, Office of Environmental Information Services, Collection Services Division (2823), USEPA, 1200 Pennsylvania Avenue, NW, Washington, DC 20460. Include the OMB control number of this form on any correspondence. Do not send the completed MDMR form to this address





REPORT OF ANALYSIS

ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayarna

DATE: April 11, 2014

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1401355 **SAMPLE COLLECTED BY: Client**

SAMPLE DATE: 04/02/14

DESCRIPTION: 004

TIME: 15:17

LAB. FILE ID: 1401355 MATRIY. Water

DATE RECEIVED:	04/04/14		,,,,,,,		ATRIX: Water		
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1401355	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Hardness, Total Aluminum Iron Lead	SM 2340 C* 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab	mg/L mg/L mg/L mg/L	132 7.20 7.25 0.026	3.50 0.010 0.010 0.001	HM BTR BTR	04/07/14 04/09/14 04/09/14
Zinc	200.7(ICAP)	Grab	mg/L	0 439	0.001	BTR	04/09/14

^{*}Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample s related on sample submitted.

Lcda. Iris M. Chévere Alfon **Laboratory Director**

Chemist License 2370

Attachment Chain of Custody Records (1)

A 1486935

PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING • CERTIFICATION NUMBER E87556 •

192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

CHAIN OF CUSTODY RECORD

PROYECT NO. C	MPAYES Surger	SAMPLER
SAMPLE LOCATION/CLIENT II	004	TIME 15:17 AM CONTROL NO.
SAMPLE DATE		BEL NO. 1401355 173743
1. General Environmental:	PC VSS	PC SamplingWitness;
Acidity ()	Alkalımty ()	Date/Time:
Ammonie as N ()	Bicarbonate ()	
BOD-5 ()	Bromide ()	- Relinquished by:
Chloride ()	Chlorine, Res. ()	- 11:20en
COD ()	Color (ADMI) ()	- Date/Time! 4/4/14
Conductivity µmhos/em () Dissolved Oxygen ()	Co.or (Pt-Co) () Cyanide ()	Received by:
Hardness (A)	Cyanide () Fluoride ()	- Marie / Same
Moisture %	lodide ()	- / Ville frame // V
Nitrite ()	Nitrate ()	- Date/Time: 4, 4 -14, 11:20 kg
Dil+Grease ()	Nitrate + Nitrite ()	Relinguished by:
Phenol ()	pH, S.U. ()	- 177
Phosphorus, Total ()	Phosphate, Ortho () Sett. Solids mL/L ()	- July him from
Sett Solids rng/L () Sulfate ()	Sett. Solids mL/L ()	Date/Time: 4 y - 14 1:38 1m
Sulfite ()	Solids, Total () Sulfide ()	- Received by:
		- CALL h. UNI
Temperature, °C ()	Surfactant () TSS ()	- Cita roll
roc ()	TKN ()	- Date/Time: 4/4/14 1:38 pm
Asbestos ()	TKN ()	Relinquished by:
vs ()	Carbonate ()	
otal Nitrogen ()		Data/Times
. Metals:	Cadmium (Cd) ()	Date/Time:
		— Received by:
	Copper (Cu) () Lead (Pb) (X)	•
ron (Fe) (χ) // Manganese (Mn) ()	Lead (Pb) (X) I Mercury (Hg) ()	Date/Time:
lickel (N1) ()	Mercury (Hg) () Selenium (Se) ()	Date fine
alver (An) ()	Tin (C-)	
inc (Zn) (Y)	3 Arsenic (As) ()	
ranum (Ba) ()	Boron (B) ()	air () water () sludge ()
mimony (Sb) ()	Beryllium (Be) ()	liquid () soil () solid ()
ismuth (Bi) ()	Calcium (Ca) ()	— oil () mixed () other ()
hromium, VI (CrVI) () lagnesium (Mg) ()	Calcium (Ca) () Cobalt (Co) () Molybdenum (Mo) () Silicon (Si) () Strontium (Sr) () Titanium (Ti) ()	— On () mixed () other ()
fagnesium (Mg) () otassium (K) ()	Molybdenum (Mo) ()	— Specify:
odium (Na) ()	Silicon (Si) () Strontium (Sr) ()	
hallium (TI) ()	Titanium (Ti) ()	- Preservative Codes = PC
anadium (V) ()	Lithium (Li) ()	
		1 Cool (60C)
RCRA/Hazardous wastes		1. Cool, <6°C 6. Sodium Hydroxide(NaOH)
mitability (Flash Pt.)()	Corresivity ()	2. Sulfuric Acid (H ₂ SO ₄) pH<2 7. Zinc Acetate
eactivity (CN & S) () CRA Metals ()	TCLP ()	- 3. Nitric Acid (HNO ₃), pH<2 8. Ascorbic Acid
	Organics-Pest/Herb ()	4. Hydrochloric acid (HCl) 9. FAS
rganics-ISNA () _	Organics-VOA ()	_
` ′ -	_	5. Sodium Thiosulfate 10. Other
Specific Organics	Phenois GC ()	Cample turn learned.
olatiles ()	Semi-Volitiles (BNA) ()	— Sample type legend:
esticides/PCB's ()	PCB's Only ()	grab samples x
erbicides () _	TPH 418.1 ()	composite samples xx
TEX () TO & Dioxin ()	TTO ()	
O& Dioxin ()	TPH 8015 ()	Turnaround time: Sampling Equipment:
Microbiology	Lindane ()	·
cal Coliform ()	Total Coliform ()	l day () Automatic Sampler ()
• • •		2 days () Sample Pick Up ()
omments:		3 days ()
madents:		
		5 days ()
		Note: normal tumeround time is ten (10) working days,
	_	additional charges apply for rush orders





REPORT OF ANALYSIS

ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: April 11, 2014

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1401356 SAMPLE COLLECTED BY: Client DATE RECEIVED: 04/04/14

. SAMPLE DATE: 04/02/14

DESCRIPTION: 002

TIME: 15:00 LAB. FILE

LAB. FILE ID: 1401356

MATRIX: Water

				- All	AIRIX: Water		
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1401356	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Hardness, Total Aluminum Iron Lead Zinc	SM 2340 C* 200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab Grab	mg/L mg/L mg/L mg/L mg/L	136, 1.63 1.52 0.010 0.014	3.50 0.010 0.010 0.001 0.001	HM BTR BTR BTR BTR	04/07/14 04/09/14 04/09/14 04/09/14

^{*}Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

Method Detection Limit (MDL) The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data of the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample profit related only coding sample submitted.

Lcda. Iris M. Chévere Alfons Laboratory Director Chemist License 2370

Attachment Chain of Custody Records

OLG A 1486930

PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS.
REFER OUR SERVICE DEPARTMENT FOR THE CURRENT UST OF CERTIFIED ANALYSES.
CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING
• CERTIFICATION NUMBER E87556 •

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CHAIN OF CUSTODY RECORD

Date/Time: Dat	PROYECT NO C	AF	3 Guaran	~	SAMPLER
Sampling Witness; Sampling Witness; Date/Time: Color (ADM) Col	SAMPLE LOCATION/CLIENT	a	100	2	TIME 15:00 AM CONTROL NO.
Central Environmental PC VSS PC Calabrity Date/Time: Immonst as N Date/Time: Calor (PAG) Date/Time:	SAMPLE DATE			- 14	
Alkalinity Commonate in Common	I. General Environmental	PC	VSS	pr.	
Immonia is	Acidity ()		1 T 1		Date/Time·
Condex Color (CADM) Color (CAD	Ammonia as N ()	_			
Color (ADMI)	BOD-5 ()		Bromide ()	_	Relinquished by:
Control (Pr.Co) Control (P	Chloride ()		Chlorine, Res ()		14/14/14/1.200
Color (Pr-Co) Cyanide		_			Date/Time:
International Color					
Motifier Minist		13			Received by:
Ministe		'A.Z.		_	1 gift hum / phoney
Minter	Vitrite ()	_			Date/Times 40 4 - 141 11: 20 AA
	Dil+Grease ()			_	
Description	Phenof ()	_			
	hosphorus, Total ()		Phosphate, Ontho ()	_	Man Viles / tramer
	Sett Solids mg/L. ()				Date/Time: 4-4-14 1:38 14
Date/Time: Dat	Sulfate ()			_	
Date/Time:					Al. h. W.A.
Date Tree					- CAULINOVI
Second Carbonate Carbona	roc ()				Date/Time: 1/4/14 1:38 /m
	• • •	-	, ,		Relinquished by:
Date/Time:	rvs ()				
Luminum (Al) (A)	Total Nitrogen ()		, ,	_	
Copper Cu Cu Cu Cu Cu Cu Cu C	Metals:	. 2			Date/Time:
Copper Cu Cu Cu Cu Cu Cu Cu C	Aluminum (Al) (K)	جا.			Received by:
Selenium				•=	
Selenium	ran (Fe) (X)	'ዶ		113	Date/Firms
Second Calcium Calci	manganese (min) ()				Date/ Hille:
Second Calcium Calci				_	Matrix
Second Calcium Calci		1.3			
Second Calcium Calci	, , ,	7			
Second Calcium Calci	Intimony (Sb) ()	_		_	liquid () soil () solid ()
Cobalt (Co)					• • • • • • • • • • • • • • • • • • • •
Silicon Sili	Chromium, VI (CrVI) ()	_			2 ()
Delium (Na) Strontium (Sr)		_			Specify:
Titanium (Ti) ()		_	1. /		
Anadium (V)		_			Preservative Codes = PC
RCRA/Hazardous wastes gritability (Flash Pt.)()					
Corrosivity					1 Cool <6°C & Sodium Underwide/NeOU\
reactivity (CN & S) ()	. RCRA/Hazardous wastes		_		·
CRA Metals () Organics-Pest/Herb () 4. Hydrochloric acid (HCl) 9. FAS OX () 5. Sodium Thiosulfate 10.Other Specific Organics Phenols GC () Semi-Volitiles (BNA) () grab samples X lerbicides () PCB's Only () grab samples XX ITEX () TTO () TO & Dioxun () TPH 8015 () THH 8015 () THH 8015 () The stindane () Total Coliform (
Organics-Pesides Organics-Pesides Organics-Pesides Organics-Polarites Organics-Pola		_			3. Nitric Acid (HNO ₃), pH<2 8. Ascorbic Acid
Specific Organics Specific Org					
Specific Organics Olotailes Olotailes Olotailes Olotailes Semi-Volitiles (BNA) ()		_	Ciffence-ACM ()		
Semi-Volitiles (BNA)()	. ,		Phone le CC		
Semi-voluties (BNA) () grab samples x				_	Sample type legend:
lerbicides () TPH 418.1 () Composite samples XX TTEX () TTO () TO				_	
TTO () TTO () TO & Dioxun () THH 8015 () Turnaround time: Sampling Equipment: Microbiology	4.4	_			
TO & Dioxun () TPH 8015 () Turnaround time: Sampling Equipment: Lindane () I day () Automatic Sampler () etal Coliform () 2 days () Sample Pick Up () Comments: 3 days () Sample Pick Up () Sample Pick Up () Sample Pick Up () Sample Pick Up ()					· · · · · · · · · · · · · · · · · · ·
Lindane () I day () Automatic Sampler () 2 days () Sample Pick Up () 3 days () 5 days ()					Turnaround time: Sampling Equipment:
ccal Coliform () Total Coliform () 2 days () Sample Pick Up () Comments: 5 days ()				_	
Comments: Total Coliform () — 2 days () Sample Pick Up () Somments: 5 days ()	5. Microbiology				I day () Automatic Sampler ()
3 days () 5 days ()	Fecal Coliform ()		Total Coliform ()	_	• • •
5 days ()					• • • • • • • • • • • • • • • • • • • •
5 days ()	Comments:				
Note: normal transmind time is ten (10) working days:					
TOTO: WHITE IS THE TOTAL WILL IS THE WILL					Note: normal turnaround time is ten (10) working days;
additional charges apply for rush orders.					LOTE IVERTOR IN THE PROPERTY OF THE PROPERTY O

Original





REPORT OF ANALYSIS

ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: April 29, 2014

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1401633

SAMPLE COLLECTED BY: Client (H. Ávila)

DATE RECEIVED: 04/16/14

SAMPLE DATE: 04/10/14

TIME: 7:20AM

DESCRIPTION: Stormwater 003A

LAB. FILE ID: 1401633

MATRIX. Water

				111	ATTUR. TYGIGI		
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1401633	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Hardness, Total Aluminum Iron Lead Zinc	SM 2340 C* 200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab Grab	mg/L mg/L mg/L mg/L mg/L	1,200 0.068 0.023 0.010 0.057	3.50 0.010 0.010 0.001 0.001	HM BTR BTR BTR BTR	04/23/14 04/24/14 04/24/14 04/24/14 04/24/14

[&]quot;Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero

Certification and release of the data Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample sample submitted.

Lcda. Iris M. Chévere Alf Laboratory Director Chemist License 2370

Attachment: Chain of Custody Records (1

PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING CERTIFICATION NUMBER E87556 192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

BECKTON ENVIRONMENTAL LABORATORIES

• 192 Villa Street • Ponce, P.R 00730-4875

Tel. 787-841-7373 • Fax 787-841-7313 CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY	AES Guayama		SAVIPLER H. AVIA
SAMPLE LOCATION/CLIEN	TID	Sturm Water	00	3 Д ТІМЕ 7:20 AM 175914
SAMPLE DATE		4/10/14		BEL NO. 1401633
		3.4	PC	SamplingWitness;
1. General Environmental: Acidity ()	PC	VSS Alkalinity ()	PC	Date/Time:
Ammonia as N ()		Bicarbonate ()		
BOD-5 ()		Brontide ()	_	Relinquished by:
Chloride ()		Chlorine, Res. ()		1/16/2014 1:10 PA
COD ()	_	Color (ADMI) ()		Date/Time:
Conductivity µmhos/cm ()	_	Color (Pt-Co) ()		Received by: 1 11
Dissolved Oxygen () Hardness (vf.)	13	Cyanide () Fluoride ()	_	Clunch Clyad
Flardness (**) Moisture % (*)	11.2	lodide ()	_	
Nitrite ()	_	Nitrate ()		Date/Time: 4/16/14 12:18 pm
Dil+Grease ()	_	Narate + Nitrite ()	_	Relinquished by:
Pinenoi ()		pH, S.U ()		Church believel
Phosphorus, Total ()		Phospitate, Ortho ()		
Sett Solids mg/L ()		Sett. Solids mL/L () Solids, Total ()	_	Date/Time: 4/16/14 2:40 pm
Sulfate () Sulfite ()		Sulfide ()	_	Received by:
rds ()	-	Surfactant ()	_	V+"C
l'emperature, ℃ ()	_	TSS ()		Date/Time: 4/16/14 2140000
roc ()	_	TKN ()		
Asbestos ()		Turbidity ()		Relinquished by:
TVS ()		Carbonate ()		
Total Nitrogen ()				Date/Time:
Aluminum (Al) (X.)	1,3	Cadinium (Cd) ()		Received by:
Chromium (Cr) ()		Copper (Cu) ()		Received by:
ron (Fe) 🎉)	13	Lead (Pb) (x)	113	
Manganese (Mn) ()		Mercury (Fig) ()		Date/Time:
Vickel (Ni) ()		Selenium (Se) ()	_	
Silver (Ag) ()	<u>.3</u>	Tin (Sn) ()		Matrix
Zinc (Zn) (X) Barium (Ba) ()		Arsenic (As) () Boran (B) ()	_	air () water (x) sludge ()
Antimony (Sb) ()		Beryllium (Be) ()	_	liquid () soil () solid ()
Bismuth (Bi) ()		Calcium (Ca) ()	_	oil () mixed () other ()
Chromium, VI (CrVI) ()		Colult (Co) ()		on () mixed () onici ()
Magnesium (Mg) ()	-	Molybdenum (Mo) ()	_	Specify:
Potassium (K) ()		Silicon (Si) ()		Specify.
Sodium (Na) ()		Strontium (Sr) () Titanium (Ti) ()		Preservative Codes = PC
Thaltium (TI) () Vanadium (V) ()	_	Titunium (Ti) () Lithum (Li) ()		1 16361 VALLIFE COULDS 1 C
variation (v) ()		Elation (El) ()		1. Cool,<6°C 6. Sodium Hydroxide(NaOH)
3. RCRA/Hazardous wastes				· · · · · · · · · · · · · · · · · · ·
gnitability (Flash Pt.)()		Corrosivity ()		2. Sulfuric Acid (H ₂ SO ₄) pH<2 7. Zinc Acetate
Reactivity (CN & S) ()	_	TCLP ()	_	3. Nitric Acid (HNO ₃), pH<2 8. Ascorbic Acid
RCRA Metals () Drgarucs-BNA ()		Organics-Pest/Herb ()	—	4. Hydrochloric acid (HCl) 9. FAS
Organics-BNA ()		Organics-VOA ()		5. Sodium Thiosulfate 10.Other
()				2. Condit Tillothings 10.0fffer
. Specific Organics		Phenols GC ()		Sample type legend:
Volatiles ()		Semi-Volitiles (BNA) ()		
Pesticides/PCB's ()		PCB's Only ()	_	grab samples x
Herbicides () BTEX ()		TPH 418 I ()	_	composite samples xx
BTEX () CTO & Dioxin ()		TTO () TPH 8015 ()	-	Turnaround time: Sampling Equipment:
		TPH 8015 () Lindane ()	_	
5. Microbiology				1 day () Automatic Sampler ()
Fecal Coliform ()	-	Total Coliform ()	_	2 days () Sample Pick Up (x)
Comment				3 days ()
Comments:				5 days ()
				Note: normal turnaround time is ten (10) working days;
				
			Orion	additional charges apply for rush orders.

Administrative Order on Consent
AES Puerto Rico Coal Fired Power Plant
Docket Number CWA-02-2015-3102
NPDES Tracking Number PRU020663

Attachment 4

Administrative Order on Consent Docket Number CWA-02-2015-3102

Compliance with AOC Section VII, ¶66

Required Reporting for Q3 2014 under Section B-12 of our MSGP

Industrial Discharge Monitoring Report (MDMR)



United States Environmental Protection Agency Washington, DC 20460 ISGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR

Form Approved. OMB No. 2040-0004

MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)	
Reason(s) for Submission (Check all that apply):	·
☑ Submitting monitoring data (Fill in all Sections). ☐ Reporting no discharge for all outfalls for this monitoring period (Fill in Sections A, B, C.1, D, and F). ☐ Reporting that your site status has changed to inactive and unstaffed (Fill in Sections A, B, F and include date of status change in comment field in Section Reporting that your site status has changed to active (Fill in all Sections and include date of status change in comment field in Section E.4). ☐ Reporting that no further pollutant reductions are achievable for all outffells and for all pollutants via Part 6.2.1.2 of the MSGP (Fill in Sections A, B and F).	•
A. Permit Tracking Number: PRR05BL65 Note: Read instructions before	completing this Form.
B. Facility Information	
1. Facility Name: AES PUERTO RICO	
a. Street: P R - 0 3 K M 1 4 2 . 0 B 0 . J 0 B 0 S	
b. City: GUAYAMA	7 8 5 -
3. Additional Facility Information (Optional):	
Contact Name: RON RODRIQUE Email: ron.rodrique@aes.	com
Phone: 787 - 866 - 81117 Ext. 2219	
4. MDMR Preparer (Complete if MDMR was prepared by someone other than the person signing the certification in Section F)	
Prepared by: HECTOR MAVILA	
Organization: AES PUERTO RICO	
Email: hector.avilla@aes.com	
Phone: 787 - 866 - 8117 Ext. 2266	
C. Discharge Information	
1. Identify monitoring period: Check here If proposing alternative monitoring periods due to irregular stormwater runoff. Identify alternative monitoring period you are reporting monitoring data:	native monitoring
☐ Quarter 1 (April 1 – June 30) ☐ Quarter 1: From ☐ 1 / ☐ 1 To ☐ 3 / 3 1	
Quarter 2 (July 1 – September 30) Quarter 2: From 0 4 / 0 1 To 0 6 / 3 0	
Quarter 3 (October 1 – December 31)	
☐ Quarter 4 (January 1 – March 31) ☐ Quarter 4: From ☐ ☐ ☐ / ☐ ☐ To ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	
2. Are you required to monitor for cadmium, copper, chromium, lead, nickel, silver, or zinc? Yes (Complete line item 2.a.) No (Skip to Section D)	
2a. What is the hardness level of the receiving water? 6800 mg/L	
D. Outfall Information	
1. How many outfall(s) are identified in your SWPPP? 03 List name of outfall(s) required to be monitored in table below.	
2. Do any of your outfalls discharge substantially identical effluents?	
2.a. If yes, for each monitored outfall, indicate outfall names that are substantially identical in table below.	
3.A. Monitored Outfall Name* 3.B. Substantially Identical Outfalls [List name(s) of outfall(s) substantially identical to outfall in 3.A. (if applicable)]	3.C. No Discharge?
*Reference attachment if additional space needed to complete the table	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

		WASHI MSGP INDUSTRIAL DISCH/	WASHINGTON, DC 20460 DISCHARGE MONITORING REPORT (MDMR)	NG REPO	RT (MDMR)	Form Approv	Form Approved. OMB No. 2040-0004	
E. Monitoring Information	tion					Note: Mak	Note: Make additional copies of this form as necessary.	orm as necessary.
1. Permit Tracking Number:	ber PRR05BL65	6 5						
2. Nature of Discharge:	2. Nature of Discharge: 🛛 Rainfall (Complete line Items 2.a., 2.b., & 2.c.)	tems 2.a., 2.b., & 2.c.) 🔲 Snowmelt						
2.a. Duration of the rainfall event (hours):	fall event (hours): 02	2.b. Rainfall amount (inches):	000	2.c. Time s	2.c. Time since previous measurable storm event (days):	storm event (days): 004	4	
3.a. Outfall Name	3.b. Monitoring Type (QBM, ELG, S/T, I, O)*	3.c. Parameter	3.d. Quality or Concentration	3.e. Units	3.f. Results Description	3.g. Collection Date	3.h. Exceedance due to natural background pollutant levels	3.i. No further pollutant reductions achievable?
002	QMB	Aluminum	0.313	mg/L		07/18/14		
002	QMB	Iron	0.102	mg/L		07/18/14		
002	QMB	Lead	ND	mg/L	0.001	07/18/14		0
002	QMB	Zinc	0.016	mg/L		07/18/14	0	
004	QMB	Aluminum	0,248	mg/L		07/18/14		
004	QMB	Iron	0.134	mg/L		07/18/14		
004	QMB	Lead	ND	mg/L	0.001	07/18/14		
004	QMB	Zinc	0.025	mg/L		07/18/14		
003	QMB	Aluminum	0.134	mg/L		07/18/14		
003	QMB	Iron	0.119	mg/L		07/18/14		
003	QMB	Lead	0.004	mg/L		07/18/14		
003	QMB	Zinc	0.005	mg/L		07/18/14		
* (QBM) - Quarterly bend	chmark monitoring; (ELG) - A	* (QBM) - Quarterly benchmark monitoring; (ELG) - Annual effluent limitations guidelines monitoring; (S/T) - State- or Tribal-specific monitoring; (I) - Impaired waters monitoring; (O) -Other monitoring as required by EPA	onitoring; (S/T) - Sta	te- or Tribal	-specific monitoring; (I) - Ir	npaired waters monitoring;	O) -Other monitoring as requ	ired by EPA
4. Comment and/or Expl	lanation of Any Violations (R	 Comment and/or Explanation of Any Violations (Reference all attachments here) 						
F. Certification								
Hector M. Avila		I cartify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware	that this document and all attachments were prepared ision in accordance with a system designed to assure erly gathered and evaluated the information submitted. erson or persons who manage the system; or those for gathering the information, the information submitted ge and belief, true, accurate, and complete. I am aware	tachments v /stem design the informat ge the syste ge the informations, the informations	vere prepared ned to assure ion submitted. m, or those tion submitted site. I am aware	Self Control of the C		stall
Typed or Printed Name. Officer or Au	Typed or Printed Name/Title of Principal Executive Officer or Authorized Agent	that there are significant penalties for submitting false infor possibility of fine and imprisonment for knowing violations.	submitting false info or knowing violations	ormation, inc		Signature of Principal Executive Officer or Authorized Agent	Officer or Authorized Agent	Date
Email of Principal Execu-	Email of Principal Executive Officer or Authorized Agent:	hector.av	ilia@ales	. com				

instructions for Completing the MSGP Industrial Discharge Monitoring Report (MDMR)

Who Must Submit A Discharge Monitoring Report to EPA?

Facilities covered under the Multi-Sector General Permit (MSGP or permit) that are required to monitor pursuant to Parts 6.2, 6.3, and 8 of the permit must submit the MSGP Discharge Monitoring Report (MDMR) consistent with the reporting requirements specified in Part 7.1 of the permit.

Where to File the MDMR Form

Monitoring data collected pursuant to Parts 6.2, 6.3, and 8 of the permit must be submitted electronically via EPA's Electronic Notice of Intent System (eNOI), which can be found at www.epa.gov/npdes/enoi. Fiting electronically will allow permittees to easily submit the results of monitoring data to EPA. If you cannot access eNOI, monitoring results must be reported on the paper MDMR form and sent to one of the following addresses:

Via U.S. mail:

U.S. Environmental Protection Agency Office of Water, Water Permits Division Mail Code 4203M, ATTN: MSGP Reports 1200 Pennsylvania Avenue, NW Washington, D.C. 20460

Via Overnight/Express Delivery: U.S. Environmental Protection Agency

Office of Water, Water Permits Division Room 7420, ATTN: MSGP Reports 1201 Constitution Avenue, NW Washington, D.C. 20004

Phone number: 202-564-9545 Completing the MDMR Form

To complete this form, type or print in uppercase letters in the appropriate areas only. Be sure that you complete all applicable questions. Photocopy your MDMR form for your records before you send the completed original form to the appropriate address above. Use ink when you sign and mail the original document – EPA will not accept photocopies. You may also use this paper form as a checklist for the information you will need when submitting a MDMR electronically via EPA's eNOI system.

Reasons for Submission

Indicate your reason(s) for submitting this MDMR by checking all boxes that apply. The reasons for submission are defined as follows:

- Submitting monitoring data: For each storm sampled, submit one MDMR form with data for all outfalls sampled. Select this reason even if you only have monitoring data for some of your outfalls (i.e., some outfalls did not discharge). If you select this reason you are required to complete all Sections of the form.
- Reporting no discharge for all outfalls for this monitoring period: Indicates
 that there were no discharges from all outfalls during this monitoring
 period. If you select this reason you are only required to complete
 Sections A, B, C.1, D, and F.
- Reporting that your site status has changed to inactive and unstaffed: Indicates that your facility is currently inactive and unstaffed (See Part 6.2.1.3 of the permit for more information). If you select this reason you are only required to complete Sections A, B, and F and include date of status change in the comment field in Section E.4.
- Reporting that you site status has changed from inactive to active: Indicates that your facility is currently active (See Part 6.2.1.3 of the permit for more information). If you select this reason you are required to complete all Sections of the form and include date of status change in the comment field in Section E.4.
- Reporting that no further reductions are achievable for all outfalls and for all pollutants via Part 6.2.1.2 of the permit: Indicates that your facility has determined that no further pollutant reductions are technologically and economically practicable in light of best industry practice to meet the technology-based effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1.2 of the permit for more information). If you select this reason you are required to complete Sections A, B and F. However, if you can make this finding for some outfalls and pollutants, but not for others, you cannot select this reason; you will instead be able to identify which outfalls and which pollutants you can make this finding for in Section E.

Section A. Permit Tracking Number

Enter the National Pollutant Discharge Elimination System (NPDES) tracking number assigned by EPA's Stormwater Notice Processing Center to the facility. If you do not know the tracking number, you can find the tracking number assigned to your facility on EPA's Notice of Intent (NOI) Search website (www.epa.gov/npdes/noisearch).

Section B. Facility Information

- Enter the facility's official or legal name. Unless the name of your facility has changed, please use the same name provided on your NOI. You can use EPA's NOI Search website (www.epa.gov/npdes/noisearch) to view your NOI.
- 2.a-d. Enter the street address, including city, state, and zip code of the actual physical location of the facility. Do not use a P.O. Box.
- 3. (Optional) Identify the name, telephone number, and email address of the person who will serve as a contact for EPA on issues related to monitoring at your facility. This person should be able to answer questions related to stormwater discharges and monitoring or have immediate access to individuals with that knowledge. This person does not have to be the facility operator, but should have intimate knowledge of monitoring activities at the facility.
- 4. If the form was prepared by someone other than the person who is signing the certification statement in Section F (for example, if the MDMR was prepared by a member of the facility's stormwater pollution prevention team or a consultant for the certifier's signature), include the name, organization, phone number and email address of the MDMR preparer.

Section C. Discharge Information

- 1. Indicate the appropriate monitoring period (Quarter 1, 2, 3, or 4) covered by the MDMR. "Alternative" monitoring periods can apply to facilities located in arid and semi-arid climates, or in areas subject to snow or prolonged freezing. To use alternative monitoring periods, you must provide a revised monitoring schedule here in the first monitoring report submitted and indicate for which alternative monitoring period you are reporting monitoring data. If using alternative monitoring periods, identify the first day of the monitoring period through the last day of the monitoring period for each of the four periods. The dates should be displayed as month (Mo) / day (Day). See Parts 6.1.6 and 6.1.7 of the permit for more information.
- If you are submitting benchmark monitoring data, identify if your facility is
 required to collect benchmark samples for one or more hardness-dependent
 metals (i.e., cadmium, copper, lead, nickel, silver, and zinc). If you select "yes"
 to this question you must also complete Question 2.a. and if you select "no" to
 this question you may skip to Section D.
- 2.a. If you selected "yes" for Question 2 under Section C, then you are required to submit to EPA with your first benchmark report a hardness level, established consistent with the procedures in Appendix J of the permit, which is representative of your receiving water. If your outfalls discharge to more than one receiving water, as reported in your NOI form, you should report hardness for the receiving water with the lowest hardness values. Hardness values must be reported in milligrams per liter (mg/L).

Section D. Outfall Information

- Enter the total number of outfalls identified in your stormwater pollution prevention plan (SWPPP). Outfalls are locations where stormwater exits the facility, including pipes, ditches, swales, and other structures used to remove stormwater from the facility.
- Indicate if your facility has two or more outfalls that you believe discharge substantially identical effluents (i.e., stormwater), based on the similarities of the general industrial activities and control measures, exposed materials that may significantly contribute pollutants to stormwater, and runoff coefficients of their drainage areas. See Parts 5.1.5.2 and 6.1.1 of the permit for more information on substantially identical outfalls.
- 2.a. If you selected "yes" for Question 2 under Section D, then you must list the outfall name(s) in Column 3.B. that you expect to be substantially identical to the corresponding outfall in Column 3.A.
- Monitored Outfall Name: List name(s) of outfall(s) you are required to monitor in Column 3.A.
- 3.B. Substantially Identical Outfalls: List name(s) of outfall(s) substantially identical to "Monitored Outfall" in Column 3.A. (if applicable)].
- 3.C No Discharge: Check box if you are reporting "No Discharge" for the monitored outfall for the reporting period identified in Section C.1.

Example:

3.A Monitored Outfall Name	3.B. Substantially Identical Outfail	3.C. No Discharge
Outfall A	Outfall B; Outfall C	
Outfall D		

Reference attachment if additional space is needed to complete the Table Section D.

Section E. Monitoring Information

- Enter the NPDES tracking number assigned by EPA's Stormwater Notice Processing Center to the facility reported in Section A.
- 2. For the reported monitoring event indicate whether the discharge was from a rainfall or snowmelt event. If you select "rainfall" then indicate the duration (in hours) of the rainfall event, rainfall total (in inches) for that rainfall event, and time (in days) since the previous measurable storm event in line items 2.a-c. For both rainfall and snowmelt monitoring, you must identify the date of collection for the monitoring event in column 3.g. of the table. If the discharge occurs during a period of both rainfall and snowmelt, check both the rainfall and snowmelt boxes and report the appropriate rainfall information in item 2.a-c. To report multiple monitoring events in the same reporting period, copy Page 2 of this Form and enter each monitoring event separately with data for all outfalls sampled.

For each pollutant monitored at an outfall, you must complete one row in the Table as follows:

- Outfall Name: Provide the outfall name for which you monitored (e.g., Outfall 1, Outfall 2, Outfall 3).
- Monitoring Type: Provide the type of monitoring using the specified codes, in parentheses, below:
 - (QBM) Quarterly benchmark monitoring
 - (ELG) Annual effluent limitations guidelines monitoring;
 - (S/T) State- or Tribal-specific monitoring:
 - . (I) Impaired waters monitoring; or
 - . (O) Other monitoring as required by EPA.
- Parameter(s): Enter each "Parameter" (or "pollutant") monitored. For QBM and ELG monitoring, use the same parameter name as in Part 8 of the permit.
- 3.d. Quality or Concentration: Enter sample measurement value for each parameter analyzed and required to be reported. Enter "ND" (i.e., not detected) for any sample results below the method detection limit or "BQL" (i.e., below quantitation limit) for sample results above the detection limit but below the quantitation limit.
- 3.e. Units: Enter the units for sample measurement values (i.e., "mg/L" for milligrams per liter) for each parameter analyzed and required to be reported. For monitoring results reported as ND or BQL this space will be left blank and the units will be reported in Column 3.f.
- 3.f. Results Description: This section must be completed for any monitoring results reported as ND or BQL in the "Quality or Concentration" column. For ND, report the laboratory detection level and units in this column. For BQL, report the laboratory quantitation limit and units in this column.
- Collection Date: Identify the sampling date for each parameter monitoring result reported on this form.
- 3.h. Exceedance due to natural background pollutant levels: Check box if following the first 4 quarters of benchmark monitoring (or sooner if the exceedance is triggered by less than 4 quarters of data) you have determined that the exceedance of the benchmark is attributable solely to the presence of that pollutant in the natural background for that outfall and any substantially identical outfalls. See Part 6.2.4.2 of the permit for more information. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.
- 3.i. No further pollutant reductions achievable: Check box if after collection of 4 quarterly samples (or sooner if the exceedance is triggered by less than 4 quarters of data), the average of the 4 monitoring values for any parameter exceeds the benchmark and you have made the determination that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice to meet the technology-based

- effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1. of the permit for more information) for that outfall and any substantially identical outfalls. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.
- 4. Where violations of the permit requirements are reported, include a brief explanation to describe the cause and corrective actions taken, and reference each violation by date. Also, this section should include any additional comments such as are required when changing site status from inactive and unstaffed to active or vice versa. Attach additional pages if you need more space.

Attach additional copies of Section E as necessary to address all outfalls and parameters,

Section F. Certification

Enter "Name/Title of Principal Executive Officer or Authorized Agent," with
"Signature of Principal Executive Officer or Authorized Agent," "Date" form was signed
and email of the "Principal Executive Officer or Authorized Agent." If you submit
multiple pages of Section E monitoring data, each page must be appropriately signed
and certified as described below.

Certification statement and signature (see Section B.11 in Appendix B of the permit for more information). Federal statutes provide for severe penalties for submitting false information on this reporting form. Federal regulations require this form to be signed by one of the following individuals, or a duly authorized representative of that person, as follows:

For a corporation: by a responsible corporate officer, which means:

- (i) president, secretary, treasurer, or vice-president of the corporation in charge
 of a principal business function, or any other person who performs similar policy
 or decision making functions for the corporation, or
- (ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

For a partnership or sole proprietorship: by a general partner or the proprietor; or For a municipal, State, Federal, or other public facility: by either a principal executive or ranking elected official.

Paperwork Reduction Act Notice

Public reporting burden for this certification is estimated to average 7.25 hours per response plus an additional 2 hours for respondents required to gather hardness data, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments regarding the burden estimate, any other aspect of the collection of information, or suggestions for improving this form, including any suggestions which may increase or reduce this burden to: Director, Office of Environmental Information Services, Collection Services Division (2823), USEPA, 1200 Pennsytvania Avenue, NW, Washington, DC 20460. Include the OMB control number of this form on any correspondence. Do not send the completed MDMR form to this address.





ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: August 7, 2014

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1403266

SAMPLE COLLECTED BY: Client (H. Ávila)

SAMPLE DATE: 07/18/14

DESCRIPTION: 002

LAB. FILE ID: 1403266

DATE RECEIVED: 07/24/14

TIME: 7:45

MATRIY. Moior

			MATRIA. YYDIDI							
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1403266 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED			
Hardness, Total Aluminum Iron Lead Zinc	SM 2340 C* 200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab Grab	mg/L mg/L mg/L mg/L mg/L	160. 0.313 0.102 <0.001 0.016	3.50 0.010 0.010 0.001 0.001	HM BTR BTR BTR BTR	08/05/14 07/30/14 07/30/14 07/30/14 07/30/14			

^{*}Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

SO IN

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data company to the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related on the Cample submitted.

Lcca Iris M. Chèvere Alfonzo **Laboratory Director** Chemist License 2370

Attachment Chain of Custody Records (1)

A 1501950

PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING • CERTIFICATION NUMBER E87556 • 192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

F . . . F . F . W.

192 Villa Street • Ponce, P.R. 00730-4875

CHAIN OF CUSTODY RECORD

	Tel 787-8	41-737.		7-841-7313	r CUS	TODY RECORD
SAMPLE LOCATION CLEDT ID	PROYECT NO		COMPA	EC 1		SAMPLER A.
SAMPLEDATE	<u> </u>			60mg	<u>~~</u>	T. MVIA
General Environmental PC	SAMPLE LOCATION	CLIEN	T ID	- T,	107	TIME TOUC AM CONTROL NO.
Conserted Environmentals	SAMPLE DATE		_		102	
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Sulfde S	Sulfate	()	_			
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Contained Cont		()			_	Specify:
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genitability (Flash Pt.)() Corrosivity () 2. Sulfuric Acid (H ₂ SO ₄) pH<2 7. Zinc Acetate teactivity (CN & S) () TCLP () 3. Nitric Acid (HNO ₃), pH<2 8. Ascorbic Acid hydrochloric acid (HCl) 9. FAS Specific Organics Phenols GC Semi-Volitiles (BNA) ()	2 DCD ART	-				1 Cool <60C
CCRA Metals				Comment		
Organics-Pest/Herb () S. Nittre Acid (HNO ₃), pH<2	Reactivity (CN & S)	()	_			2. Surrunc Acid (H ₂ SO ₄) pH<2 7. Zinc Acetate
A. Hydrochloric acid (HCl) 9. FAS	RCRA Metals		_	Occasion Brings I	_	
Specific Organics Specific Organics Phenols GC	Organics-BNA ()				4. Hydrochloric acid (HCl) 9. FAS
Semi-Volitiles (BNA)() Sample type legend:	iox ()			_	5. Sodium Thiosulfate 10.Other
Semi-Volitiles (BNA)() Sample type legend:	Specific Organics			Phenols GC		S
erbicides PCB's Only () grab samples x	Volatiles (()	_	C 1 31 31:11 - 4000 - 1 - 1	****	Sample type legend:
TPH 418.1 TTO () TO & Dioxin () TPH 8015 () Lindane () Microbiology real Coliform () Total Coliform () Tot	esticides/PCB's)		DON'S A 1		grab samples x
TO & Dioxin () TPH 8015 () Turnaround time: Sampling Equipment: Microbiology Seal Coliform () Total Coliform () 2 days () Sample Pick Up () 3 days () Somments: 3 days () Note: normal turnaround time is ten (10) working days;	Mark.			TPH 418.1 ()		
Microbiology Microbiology I day () Automatic Sampler () 2 days () Sample Pick Up () omments: 3 days () 5 days () Note: normal turnaround time is ten (10) working days;			-	27077.0014	-	_
Microbiology real Coliform () Total Coliform () 2 days () Sample Pick Up () omments: 3 days () 5 days () Note: normal turnaround time is ten (10) working days;		,	-	7 1-A		turnaroung time: Sampling Equipment:
omments: 2 days () Sample Pick Up () 3 days () 5 days () Note: normal turnaround time is ten (10) working days;	. Microbiology			manage ()	_	
omments: 3 days () 5 days () Note: normal turnaround time is ten (10) working days;	ecal Coliform ()		Total Coliform ()		
5 days () Note: normal turnaround time is ten (10) working days;						
Note: normal turnaround time is ten (10) working days;	omments:					
Note: normal turnaround time is ten (10) working days;						5 days ()
additional abanese angle for mot and additional						
						additional charges apply for rush orders.

Original





ATTENTION:

Mr. Hèctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: August 7, 2014

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1403267

SAMPLE COLLECTED BY: Client (H Ávila)

SAMPLE DATE: 07/18/14

DESCRIPTION: 004

TIME: 7.55AM

LAB. FILE ID: 1403267

MATRIX: Water

DATE RECEIVED:	07/24/14			MATRIX: Water						
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1403267 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED			
Hardness, Total	SM 2340 C* 200.7(ICAP)	Grab Grab	mg/L mg/L	44.0 0.248	3.50 0.010	HM BTR	08/05/14 07/30/14			
iron	200.7(ICAP)	Grab	mg/L	0.134	0.010 0.001	BTR BTR	07/30/14 07/30/14			
Lead Zinc	200.7(ICAP) 200.7(ICAP)	Grab Grab	mg/L mg/L	<0.001 0.025	0.001	BTR	07/30/14			

^{*}Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data control Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results sample submitted.

Loda Iris M Chévere Alfon

Laboratory Director Chemist License 2370

Attachment Chain of Custody Records (1)

A-1501945

PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING • CERTIFICATION NUMBER E87556 • 192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

192 Villa Street • Ponce, P.R. 00730-4875
Tel 787-841-7373 • Fax 787-841-7313
CHAIN OF CUSTODY RECORD

PROYECT NO	COMPANE	ES Gua	ym	<u> </u>	H. Nila
SAMPLE LOCATION/CLIEN	T ID		00	4	TIME 7:55 (M) CONTROL NO.
SAMPLE DATE		7-		14	BEL NO. 140 3267 177829
Consul Farmer					Sampling Witness;
General Environmental Acidity ()	PC	VSS		PC	
* ' '	_	Alkalinity	()		Date/Time:
Ammonia as N ()	_	Bicarbonate	()		Relinquished by:
BOD-5 ()	_	Bromide	()		
OD ()	_	Chlorine, Res	()	_	7-24-14 11:20n
		Color (ADMI)	()		Date/Time:
onductivity µmhos/cm () issolved Oxygen ()		Color (Pt-Co)	()		
Innines	1Z	Cyanide	()		Received by:
Infature 64	12	Fluoride	()		1 The from
inte ()	-	lodide	()		Date/Time: 7324-14 of 23 Am
al+Grease ()		Nitrate	()		
henol	_	Nitrate + Nitrate		_	Relinquished by:
hosphorus, Total ()		pH, S.U.	()		Miles King / Khar Cl
ett Solids mg/L ()		Phosphate, Ortho Sett Solids mL/L	()	_	- In John Marine
ulfate ()	-	Solids, Total	()	-	Datg Time 7-27-14 12:50A2
ulfite ()		Sulfide	()	_	Received by:
DS ()		Surfactant	()		Dar.
emperature, *C	_	TSS	()		
oc ()	_	TKN	()		Date/Time: 1 7/24/14 12: 500m
sbestos ()		Turbidity	()	_	Relinguished by:
/S ()	-	Carbonate	; ;	_	Kemiquished by:
stal Nitrogen ()		ou count	٠,		
Metals:					Date/Time:
luminum (Al)	12	Cadmium (Cd)	1)		
bromium (Cr) ()	-	Copper (Cu)	()		Received by:
on (Fe) Ly	13	Lead (Pb)	نين	辽	
anganese (Mn) ()	13-	Mercury (Hg)		'pad	Date/Time:
ckel (Ni) ()		Selenium (Sc)		_	Date Trine.
lver (Ag) ()		Tin (Sn)	11		Matrix
nc (Zn) (人)	巨	Arsenic (As)	7.1		MEGIN
urium (Ba) ()		Boron (B)	ò	_	air () water (X) sludge ()
ntimony (Sb) ()		Beryllium (Be)	ii		41 4 4 4 4 4
smuth (B1) ()	_	Calcium (Ca)	<i>(i i</i>	_	
romium, VI (CrVI) ()	_	Cobalt (Co)	()		oil () mixed () other ()
agnesium (Mg) ()	_	Molybdenum (Mo)	()		
tassium (K) ()	_	Silicon (Si)	()		Specify:
dium (Na) ()		Strontium (Sr)	()	_	
allium (TI) ()		Titanium (Ti)	()		Preservative Codes = PC
nadium (V) ()	_	Lithium (Li)	()	_	
RCRA/Hazardous wastes			-	_	1 Cool <60C
makitan ette a mana					1. Cool, <6°C 6. Sodium Hydroxide(NaOH)
antining (FRI a. a.		Corrosivity	()		2. Sulfuric Acid (H ₂ SO ₄) pH<2 7. Zinc Acetate
TO A Advento	-	TCLP	()	_	3 NV 1 A 11 mm m h
marine Passa		Organics-Pest/Herb	()		A VP A A A A A A A A A A A A A A A A A A
U		Organics-VOA	()	_	4. Hydrochloric acid (HCl) 9. FAS
X ()				_	5. Sodium Thiosulfate 10.Other
pecific Organics		Pt. 1 40.00			1V.Ouier
mail		Phenois GC	()		Sample type legend:
data mem		Semi-Volitiles (BNA)		_	The state of the s
hinida.	-		()	-	grab samples x
:v ; ;		TOTAL	()	_	
O& Dioxin ()		TOTAL BALL	()		_
()			()	_	Turnaround time: Sampling Equipment:
licrobiology		Lindane	()		S Agihment
al Coliform ()		Total Califo			l day () Automatic Sampler ()
()	_	Tomi Coliform			The state of the s
					2 days () Sample Pick Up ()
nments:					3 days ()
					5 days ()
					Note: normal turnaround time is ten (10) working days;





ATTENTION:

Mr. Héctor Ávila

COMPANY:

DATE: August 7, 2014

AES Puerto Rico - Guayama

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1403268

SAMPLE COLLECTED BY: Client (H. Ávila)

SAMPLE DATE: 07/18/14

DESCRIPTION: 003

LAB. FILE ID: 1403268

DATE RECEIVED: 07/24/14

TIME: 8:10AM

MATRIY Wet

	0116-1117			matria: vvaler								
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1403268 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED					
Hardness Total Aluminum Iron Lead Zinc	SM 2340 C- 200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab Grab	mg/L mg/L mg/L mg/L mg/L	368. 0.134 0.119 0.004 0.005	3.50 0.010 0.010 0.001 0.001	HM BTR BTR HS BTR	08/05/14 07/30/14 07/30/14 07/31/14					

^{*}Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contain in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample result e sample submitted

Lcda. Iris M. Chévere Alfonza **Laboratory Director** Chemist License 2370

Attachment Chain of Custody Record

1501940

PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING • CERTIFICATION NUMBER E87556 • 192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPAN	ES Gum	pm	SAMPLES AVILA
SAMPLE LOCATION/CLIE	סו זופ	00	3	TIME 8.10 A CONTROL NO.
SAMPLE DATE		7-18-	14	BEL NO 1403268 177828
1. General Environmental:	PC	VSS	PC	SamplingWitness;
Acidity ()	-	Alkalinity ()	Date/Time:
Ammonia as N ())	Relinquished by:
BOD-5 () Chloride ())	7 7 29 10 11:20
COD ()	-	Chlorine, Res () —	7-27-19 11:20am
Conductivity µmhos/em (Color (ADMI) (· —	Date/Time:
Dissolved Oxygen ()	· —	Color (Pt-Co) (Cyanide (}	Received by
Hardness	红	Fluoride (· —	March 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Moisture % ()	12	lodide (; =	1 day they
Nitrite ()		Nitrate (ί —	Date/Times 7-24-14 11/:20 Am
Oil+Grease ()	_	Nitrate + Nitrite	; =	Relinguished by:
Phenol ()		pH, S.U.		Reinigalited by.
Phosphorus, Total ()		Phosphate, Ortho (} _	- Vita huma I tura
Sett Solids mg/L ()		Sett Solids mL/L () _	Date/Time: 7 24 14 /2:50/1
Sulfate () Sulfite ()		Solids, Total ()	Received by:
TDS ()		Sulfide ()	Recorded by.
Temperature, °C ()		Surfactant (; _	- M. 16.
TOC		TKN ('	Date/Time: 12:50pm
Asbestos ()		Turbidity (· —	Relinquished by:
TVS ()		Carbonate	í —	remiquisited by.
Total Nitrogen ()	_	•	<i>,</i> —	
2. Metals:	12			Date/Time:
Aluminum (Al)	<u> 13</u>	Cadmium (Cd) ()	Received by:
Chromium (Cr) ()	II	Copper (Cu) (Troubled by.
14	1	Lead (Pb) (A)	红	
Manganese (Mn) () Nickel (Ni) ()	_	Mercury (Hg) (Selenium (Se) (Date/Time:
Silver (Ag) ()	-	Sclenium (Se) (The same
Zinc (Zn)	<u> </u>	Arsenic (As) (<u>'</u> —	Matrix
Barrum (Ba) ()	<i>b</i>	Boron (B)	<u> </u>	air () water (χ) sludge ()
Antimony (Sb) ()	_	Beryllium (Be) (liquid () soil () solid ()
Bismuth (Bi) ()	_	Calcium (Ca) (
Chromnum, VI (CrVI) ()		Cobalt (Co) (oil () mixed () other ()
Magnesium (Mg) () Potassium (K) ()		Molybdenum (Mo) (Specify:
Potassium (K) () Sodium (Ng) ()		Silicon (Si) (·	Specify
Thallium (Tl) ()		Strontium (Sr) () Titanium (Ti) ()	_	Preservative Codes = PC
Vanadium (V) ()		Titanium (Ti) () Lithium (Li) ()		I react Autive Cones = LC
		2.1)		
3. RCRA/Hazardous wastes				1 Cool,<6°C 6. Sodium Hydroxide(NaOH)
Ignitability (Flash Pt.)()	_	Corrosivity)	2. Sulfuric Acid (H,SO ₂) pH<2 7. Zinc Acetate
Reactivity (CN & S) ()		TCLP ()		3. Nitric Acid (HNO,), pH<2 8. Ascorbic Acid
RCRA Metals () Organics-BNA ()		Organics-Pest/Herb ()		
Trong	_	Organics-VOA)		4. Hydrochloric acid (HCI) 9. FAS
10X ()				5. Sodium Thiosulfate 10.0ther
4 Specific Organies		Phenois GC (
Volatiles ()		Semi-Volitiles (BNA)		Sample type legend:
Pesticides/PCB's ()	_	PCB's Only		grab samples x
Herbicides ()	_	TPH 418.1 ()	-	
BTEX ()		TTO ()		composite samples xx
TTO & Dioxin ()	-	TPH 8015 ()		Turnaround time: Sampling Equipment:
5 Missolvalar		Lindane ()		h
5 Microbiology Fecal Coliform ()				1 day () Automatic Sampler ()
recal Coliform ()	-	Total Coliform ()	-	
Comments:				3 days ()
				5 days ()
				Note: normal turnaround time is ten (10) working days,
				to the control of the
				additional charges apply for rush orders

Administrative Order on Consent
AES Puerto Rico Coal Fired Power Plant
Docket Number CWA-02-2015-3102
NPDES Tracking Number PRU020663

Attachment 5

Administrative Order on Consent Docket Number CWA-02-2015-3102

Compliance with AOC Section VII, ¶66

Required Reporting for Q4 2014 under Section B-12 of our MSGP

Industrial Discharge Monitoring Report (MDMR)



United States Environmental Protection Agency Washington, DC 20460

Form Approved. OMB No. 2040-0004

77	<i>B</i> 4	MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)						
Reason(s) for Sut								
 ✓ Submitting monitoring data (Fill in all Sections). ☐ Reporting no discharge for all outfalls for this monitoring period (Fill in Sections A, B, C.1, D, and F). ☐ Reporting that your site status has changed to inactive and unstaffed (Fill in Sections A, B, F and include date of status change in comment field in Section E.4). ☐ Reporting that your site status has changed to active (Fill in all Sections and include date of status change in comment field in Section E.4). ☐ Reporting that no further pollutant reductions are achievable for all outffalls and for all pollutants via Part 6.2.1.2 of the MSGP (Fill in Sections A, B and F). 								
A. Permit Trackir		RR05BL65						
B. Facility Inform	ation							
1. Facility Name:	AES PL							
2. Facility Location								
a. Street:	PR-03							
b. City:	GUAYAN	MA	7 8 5 -					
3. Additional Facil	ty Information (Or	otional):						
Contact Name:	RON RO	DRIQUE Email:	com					
Phone:	[19]							
4. MDMR Preparer (Complete if MDMR was prepared by someone other than the person signing the certification in Section F)								
Prepared by: HECTOR M AVILA								
Organization:	Organization: AES PUERTO RICO							
hector.avilla@aes.com								
Phone 7 8 7 - 8 6 6 - 8 1 1 7 Ext. 2 2 6 6								
C. Discharge Information								
1. Identify monitori	1. Identify monitoring period: Check here if proposing alternative monitoring periods due to irregular stormwater runoff, identify alternative monitoring							
Quarter 1 (Ap	rii 1 – June 30)	schedule and indicate for which alternative monitoring period you are reporting monitoring data:						
	y 1 – September :							
	tober 1 – Decemb							
	nuary 1 – March 3							
2a. What is the har								
D. Outfall Informa	tion							
1. How many outfa	i(s) are identified	in your SWPPP? 03 List name of outfall(s) required to be monitored in table below.						
2. Do any of your o	utfalls discharge s	substantially identical effluents?						
		, indicate outfall names that are substantially identical in table below.						
3.A. Monitored Out	fall Name* 3.B	s. Substantially Identical Outfalls [List name(s) of outfall(s) substantially identical to outfall in 3.A. (if applicable)]	3.C. No Discharge?					
Reference attachn	nent if additional s	space needed to complete the table.						



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)

Form Approved. OMB No. 2040-0004

E. Monitoring Information	tion					Note: Mak	Note: Make additional copies of this form as necessary.	тт аѕ песеѕѕагу.
1. Permit Tracking Number:	ber PRR05BL65	[6 5						
2. Nature of Discharge:	2. Nature of Discharge: [7] Rainfall (Complete line items 2.a., 2.b., & 2.c.)	e items 2.a., 2.b., & 2.c.) 🔲 Snowmelt						
2.a. Duration of the rainfall event (hours):	fall event (hours): 0 1	2.b. Rainfall amount (inches):	00	2.c. Time s	ince previous measurable	2.c. Time since previous measurable storm event (days): $\begin{bmatrix} 0 & 1 \end{bmatrix} 1$	_	
3.a. Outfall Name	3.b. Monitoring Type (QBM, ELG, S/T, 1, O)*	3.c. Parameter	3.d. Quality or Concentration	3.e. Units	3.f. Results Description	3.g. Collection Date	3.h. Exceedance due to natural background pollutant levels	3.i. No further pollutant reductions achievable?
200	QMB	Aluminum	0.364	mg/L		12/05/14		
002	QMB	Iron	0,063	mg/L	de surche faire ververanne des se mains actions e estandence de fre- de superior de	12/05/14		
002	QMB	Lead	ND	mg/L	0.001	12/05/14		
002	QMB	Zinc	0,026	mg/L		12/05/14		
001	QMB	Aluminum	0.240	mg/L		12/05/14		
001	QMB	Iron	0.244	mg/L		12/05/14		
001	QMB	Lead	QN	mg/L	0.001	12/05/14		
001	QMB	Zinc	0.016	mg/L		12/05/14		
003	QMB	Aluminum	0.124	mg/L		12/16/14		
003	QMB	Iron	0.055	mg/L		12/16/14		
003	QMB	Lead	0.006	mg/L		12/16/14		
003	QMB	Zinc	0.001	mg/L		12/16/14	0	
" (QBM) - Quarterly bent	chmark monitoring; (ELG)	" (QBM) - Quarterly benchmark monitoring; (ELG) - Annual effluent limitations guidelines monitoring; (S/T) - State- or Tribal-specific monitoring; (I) - Impaired waters monitoring; (O) -Other monitoring as required by EPA	onitoring; (S/T) - Sta	ate- or Tribal-	specific monitoring; (I) - 1	mpaired waters monitoring; (O) -Other monitoring as requ	red by EPA
4. Comment and/or Expl	lanation of Any Violations (Comment and/or Explanation of Any Violations (Reference all attachments here) 						
F. Certification								
Hector M. Avila		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, frue, accurate, and complete. I am aware	document and all al accordance with a sylered and evaluated persons who mana ring the information elief, true, accurate	ttachments wastem design the informatige the system, the information, and comple,	red to assure tool submitted. n, or those tion submitted tion submitted tion submitted te. I am aware	St.		1/2/8
Typed or Printed Name Officer or A	Typed or Printed Name/Title of Principal Executive Officer or Authorized Agent		submitting false infort or knowing violations	ormation, inc s.	L	Signature of Principal Executive Officer or Authorized Agent	Officer or Authorized Agent	Date
Email of Principal Execu	Email of Principal Executive Officer or Authorized Agent:	Agent: h e c t o r a v i	la@alels	Com				

Instructions for Completing the MSGP Industrial Discharge Monitoring Report (MDMR)

Who Must Submit A Discharge Monitoring Report to EPA?

Facilities covered under the Multi-Sector General Permit (MSGP or permit) that are required to monitor pursuant to Parts 6.2, 6.3, and 8 of the permit must submit the MSGP Discharge Monitoring Report (MDMR) consistent with the reporting requirements specified in Part 7.1 of the permit.

Where to File the MDMR Form

Monitoring data collected pursuant to Parts 6.2, 6.3, and 8 of the permit must be submitted electronically via EPA's Electronic Notice of Intent System (eNOI), which can be found at www.epa.gov/npdes/enoi. Filing electronically will allow permittees to easily submit the results of monitoring data to EPA. If you cannot access eNOI, monitoring results must be reported on the paper MDMR form and sent to one of the following addresses:

Via U.S. mail:

U.S. Environmental Protection Agency Office of Water, Water Permits Division Mail Code 4203M, ATTN: MSGP Reports 1200 Pennsylvania Avenue, NW Washington, D.C. 20460

Via Overnight/Express Delivery:
U.S. Environmental Protection Agency
Office of Water, Water Permits Division
Room 7420, ATTN: MSGP Reports
1201 Constitution Avenue, NW
Washington, D.C. 20004
Phone number: 202-564-9545

Completing the MDMR Form

To complete this form, type or print in uppercase letters in the appropriate areas only. Be sure that you complete all applicable questions. Photocopy your MDMR form for your records before you send the completed original form to the appropriate address above. Use ink when you sign and mail the original document – EPA will not accept photocopies. You may also use this paper form as a checklist for the information you will need when submitting a MDMR electronically via EPA's eNOI system.

Reasons for Submission

Indicate your reason(s) for submitting this MDMR by checking all boxes that apply. The reasons for submission are defined as follows:

- Submitting monitoring data: For each storm sampled, submit one MDMR form with data for all outfalls sampled. Select this reason even if you only have monitoring data for some of your outfalls (i.e., some outfalls did not discharge). If you select this reason you are required to complete all Sections of the form.
- Reporting no discharge for all outfalls for this monitoring period: Indicates
 that there were no discharges from all outfalls during this monitoring
 period. If you select this reason you are only required to complete
 Sections A, B, C.1, D, and F.
- Reporting that your site status has changed to inactive and unstaffed: Indicates that your facility is currently inactive and unstaffed (See Part 6.2.1.3 of the permit for more information). If you select this reason you are only required to complete Sections A, B, and F and include date of status change in the comment field in Section E.4.
- Reporting that you site status has changed from inactive to active.
 Indicates that your facility is currently active (See Part 6.2.1.3 of the permit for more information). If you select this reason you are required to complete all Sections of the form and include date of status change in the comment field in Section E.4.
- Reporting that no further reductions are achievable for all outfalls and for all pollutants via Part 6.2.1.2 of the permit: Indicates that your facility has determined that no further pollutant reductions are technologically and economically practicable in light of best industry practice to meet the technology-based effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1.2 of the permit for more information). If you select this reason you are required to complete Sections A, B and F. However, if you can make this finding for some outfalls and pollutants, but not for others, you cannot select this reason; you will instead be able to identify which outfalls and which pollutants you can make this finding for in Section E.

Section A. Permit Tracking Number

Enter the National Pollutant Discharge Elimination System (NPDES) tracking number assigned by EPA's Stormwater Notice Processing Center to the facility. If you do not know the tracking number, you can find the tracking number assigned to your facility on EPA's Notice of Intent (NOI) Search website (www.epa.gov/npdes/noisearch).

Section B. Facility Information

- Enter the facility's official or legal name. Unless the name of your facility has changed, please use the same name provided on your NOI. You can use EPA's NOI Search website (<u>www.epa.gov/npdes/noisearch</u>) to view your NOI.
- 2.a-d. Enter the street address, including city, state, and zip code of the actual physical location of the facility. Do not use a P.O. Box.
- 3. (Optional) Identify the name, telephone number, and email address of the person who will serve as a contact for EPA on issues related to monitoring at your facility. This person should be able to answer questions related to stormwater discharges and monitoring or have immediate access to individuals with that knowledge. This person does not have to be the facility operator, but should have intimate knowledge of monitoring activities at the facility.
- 4. If the form was prepared by someone other than the person who is signing the certification statement in Section F (for example, if the MDMR was prepared by a member of the facility's stormwater pollution prevention team or a consultant for the certifier's signature), include the name, organization, phone number and email address of the MDMR preparer.

Section C. Discharge Information

- 1. Indicate the appropriate monitoring period (Quarter 1, 2, 3, or 4) covered by the MDMR. "Alternative" monitoring periods can apply to facilities located in arid and semi-arid climates, or in areas subject to snow or prolonged freezing. To use alternative monitoring periods, you must provide a revised monitoring schedule here in the first monitoring report submitted and indicate for which alternative monitoring period you are reporting monitoring data. If using alternative monitoring periods, identify the first day of the monitoring period through the last day of the monitoring period for each of the four periods. The dates should be displayed as month (Mo) / day (Day). See Parts 6.1.6 and 6.1.7 of the permit for more information.
- If you are submitting benchmark monitoring data, identify if your facility is
 required to collect benchmark samples for one or more hardness-dependent
 metals (i.e., cadmium, copper, lead, nickel, silver, and zinc). If you select "yes"
 to this question you must also complete Question 2.a. and if you select "no" to
 this question you may skip to Section D.
- 2.a. If you selected "yes" for Question 2 under Section C, then you are required to submit to EPA with your first benchmark report a hardness level, established consistent with the procedures in Appendix J of the permit, which is representative of your receiving water. If your outfalls discharge to more than one receiving water, as reported in your NOI form, you should report hardness for the receiving water with the lowest hardness values. Hardness values must be reported in milligrams per liter (mg/L).

Section D. Outfall Information

- Enter the total number of outfalls identified in your stormwater pollution prevention plan (SWPPP). Outfalls are locations where stormwater exits the facility, including pipes, ditches, swales, and other structures used to remove stormwater from the facility.
- Indicate if your facility has two or more outfalls that you believe discharge substantially identical effluents (i.e., stormwater), based on the similarities of the general industrial activities and control measures, exposed materials that may significantly contribute pollutants to stormwater, and runoff coefficients of their drainage areas. See Parts 5.1.5.2 and 6.1.1 of the permit for more information on substantially identical outfalls.
- 2.a. If you selected "yes" for Question 2 under Section D, then you must list the outfall name(s) in Column 3.B. that you expect to be substantially identical to the corresponding outfall in Column 3.A.
- Monitored Outfall Name: List name(s) of outfall(s) you are required to monitor in Column 3.A.
- Substantially Identical Outfalls: List name(s) of outfall(s) substantially identical to "Monitored Outfall" in Column 3.A. (if applicable)].
- 3.C No Discharge: Check box if you are reporting "No Discharge" for the monitored outfall for the reporting period identified in Section C.1.

Example:

3.A Monitored Outfall	3.B. Substantially Identical Outfall	3.C. No
Name		Discharge
Outfall A	Outfall B; Outfall C	
Outfall D		

Reference attachment if additional space is needed to complete the Table Section D.

Section E. Monitoring Information

- Enter the NPDES tracking number assigned by EPA's Stormwater Notice Processing Center to the facility reported in Section A.
- 2. For the reported monitoring event indicate whether the discharge was from a rainfall or snowmelt event. If you select "rainfall" then indicate the duration (in hours) of the rainfall event, rainfall total (in inches) for that rainfall event, and time (in days) since the previous measurable storm event in line items 2.a-c. For both rainfall and snowmelt monitoring, you must identify the date of collection for the monitoring event in column 3.g. of the table. If the discharge occurs during a period of both rainfall and snowmelt, check both the rainfall and snowmelt boxes and report the appropriate rainfall information in item 2.a-c. To report multiple monitoring events in the same reporting period, copy Page 2 of this Form and enter each monitoring event separately with data for all outfalls sampled.

For each pollutant monitored at an outfall, you must complete one row in the Table as follows:

- Outfall Name: Provide the outfall name for which you monitored (e.g., Outfall 1, Outfall 2, Outfall 3).
- Monitoring Type: Provide the type of monitoring using the specified codes, in parentheses, below:
 - . (QBM) Quarterly benchmark monitoring
 - · (ELG) Annual effluent limitations guidelines monitoring;
 - (S/T) State- or Tribal-specific monitoring;
 - . (I) Impaired waters monitoring; or
 - . (O) Other monitoring as required by EPA.
- Parameter(s): Enter each "Parameter" (or "pollutant") monitored. For QBM and ELG monitoring, use the same parameter name as in Part 8 of the permit.
- 3.d. Quality or Concentration: Enter sample measurement value for each parameter analyzed and required to be reported. Enter "ND" (i.e., not detected) for any sample results below the method detection limit or "BQL" (i.e., below quantitation limit) for sample results above the detection limit but below the quantitation limit
- 3.e. Units: Enter the units for sample measurement values (i.e., "mg/L" for milligrams per liter) for each parameter analyzed and required to be reported. For monitoring results reported as ND or BQL this space will be left blank and the units will be reported in Column 3.f.
- 3.f. Results Description: This section must be completed for any monitoring results reported as ND or BQL in the "Quality or Concentration" column. For ND, report the laboratory detection level and units in this column. For BQL, report the laboratory quantitation limit and units in this column.
- Collection Date: Identify the sampling date for each parameter monitoring result reported on this form.
- 3.h. Exceedance due to natural background pollutant levels: Check box if following the first 4 quarters of benchmark monitoring (or sooner if the exceedance is triggered by less than 4 quarters of data) you have determined that the exceedance of the benchmark is attributable solely to the presence of that pollutant in the natural background for that outfall and any substantially identical outfalls. See Part 6.2.4.2 of the permit for more information. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.
- 3.i. No further pollutant reductions achievable: Check box if after collection of 4 quarterly samples (or sooner if the exceedance is triggered by less than 4 quarters of data), the average of the 4 monitoring values for any parameter exceeds the benchmark and you have made the determination that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice to meet the technology-based

- effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1. of the permit for more information) for that outfall and any substantially identical outfalls. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.
- 4. Where violations of the permit requirements are reported, include a brief explanation to describe the cause and corrective actions taken, and reference each violation by date. Also, this section should include any additional comments such as are required when changing site status from inactive and unstaffed to active or vice versa. Attach additional pages if you need more space.

Attach additional copies of Section E as necessary to address all outfalls and parameters.

Section F. Certification

Enter "Name/Title of Principal Executive Officer or Authorized Agent," "Date" form was signed and email of the "Principal Executive Officer or Authorized Agent," "Date" form was signed and email of the "Principal Executive Officer or Authorized Agent." If you submit multiple pages of Section E monitoring data, each page must be appropriately signed and certified as described below.

Certification statement and signature (see Section B.11 in Appendix B of the permit for more information). Federal statutes provide for severe penalties for submitting false information on this reporting form. Federal regulations require this form to be signed by one of the following individuals, or a duly authorized representative of that person, as follows:

For a corporation: by a responsible corporate officer, which means:

- (i) president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation, or
- (ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

For a partnership or sole proprietorship: by a general partner or the proprietor; or For a municipal, State, Federal, or other public facility: by either a principal executive or ranking elected official.

Paperwork Reduction Act Notice

Public reporting burden for this certification is estimated to average 7.25 hours per response plus an additional 2 hours for respondents required to gather hardness data, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments regarding the burden estimate, any other aspect of the collection of information, or suggestions for improving this form, including any suggestions which may increase or reduce this burden to: Director, Office of Environmental Information Services, Collection Services Division (2823), USEPA, 1200 Pennsylvania Avenue, NW, Washington, DC 20460. Include the OMB control number of this form on any correspondence. Do not send the completed MDMR form to this address.





ATTENTION:

Mr. Héctor Avila

COMPANY:

AES Puerto Rico - Guayama

DATE: January 20, 2015

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1405720

DATE RECEIVED: 12/18/14

SAMPLE COLLECTED BY: Client (H Ávila)

TIME: 13:30

SAMPLE DATE: 12/16/14

DESCRIPTION: Stormwater 003

LAB. FILE ID: 1405720

				MATRIX: Water							
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1405720 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED				
TSS Aluminum Iron Lead Zinc	SM 2540 D* 200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab Grab	mg/L mg/L mg/L mg/L mg/L	20.0 0.124 0.055 0.006 0.011	4.00 0.005 0.010 0.001 0.001	NL HS HS HS	12/18/14 01/14/15 01/12/15 01/12/15 01/12/15				

^{*}Standard Methods for the Examination of Water and Waste Water 19th Edition, 1995

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Laboratory Director Chemist License 2370

Attachment: Chain of Custody Records (1)



PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING • CERTIFICATION NUMBER E87556 • 192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPAN	ES Guy	m	SAMPHER Avila Clar
SAMPLE LOCATION/CL	IENT ID	Stormwa	 	003 TIME 13:30 AM CONTROL NO.
SAMPLE DATE			1-14	BEL NO. 1405.720 180215
1. General Environmental:	PC	VSS		Sampling Witness;
Autta)	Alkalinity (PC	
	, -	Bicarbonate (_	Date/Time:
DOD #	; =	Bromide (-	Relinguished by:
)	Chlorine, Res	i i <u> </u>	XNOS
COD ()	Color (ADMI) (; —	Date/Timg: 12/18/19/ 11:00
Conductivity jumbos/em ()	Color (Pt-Co) ()	
Dissolved Oxygen ()	Cyanide)	Received by:
Hardness (Moisture % (_	Fluoride (/ Vyta Your / Huns/
Nitrite (<u> </u>	lodide ()	Date/Time! 122/8-14 / 11:00
Oil+Grease	<u>}</u>	Nitrate Nitrate + Nitrite (
Phenol (} _	pH, S.U. (,	Relinquished by
Phosphorus, Total	; _	Phosphare, Onho (; =	1 Kto 1. Kane
Sett Solids mg/L. (; _	Sett Solids mL/L (; =	
Sulfate ()	Solids. Total	`	
Sulfite ()	Sulfide (;	Received by:
TDS (}	Surfactant (1 1/4
Temperature, "C (? —	TSS	(4)	Date/Time: 12/18/14 3:00000
Asbestos (' —	TKN (Turbidity (?	
TVS) }	Carbonate (} —	Relinquished by:
Total Nitrogen		Carbonate (,	
2. Metals:				Date/Time:
Aluminum (Al) De	- April 1	Cadmium (Cd) ()	Received by:
Chromium (Cr) () <u></u>)	Received by.
fron (Fe) (X) Manganese (Mn) (1)		Lead (Pb) (X) (X	
Manganese (Mn) () Nickel (Ni) ()	_	Mercury, 2/1 (Hg) as (1) Selenium (Se)	(1) (2	. Date/Time:
Silver (Ag) ()		Selenium (Se) (Tin (Sn) (\ —	Madel
Zinc (Zn) (X)		Arsenic (As) (· -	Matrix
Banum (Ba) ()	75-	Boron (B) (; —	air () water (γ) sludge ()
Antimony (Sb) ()		Beryllium (Be) (<u> </u>	liquid () soil () solid ()
Bismuth (Bi) ()		Calcium (Ca) () _	oil () mixed () other ()
Chromium, VI (CrVI) () Magnesium (Mg) ()	_	Cobalt (Co) ()	ou () imxed () other ()
Potossium (K) ()		Molyhdenum (Mo) ()	Specify:
Sodium (Na) ()		Silicon (Si) (Strontium (Sr) (; —	opecity.
Thallium (TI) ()		Titanium (Ti) (; —	Preservative Codes = PC
Vanadium (V) ()	_	Lithium (Li) (· -	
3 000			-	1 Cool.<6°C 6. Sodum Hydroxide(Na()H)
3. RCRA/Hazardous wastes Ignitability (Flash Pt.)()	t .			··· document ity dionida (ital)
Reactivity (CN & S) ()		Corrosivity ()	2. Sulfuric Acid (H ₂ SO ₄) pH<2 7. Zinc Acetate
RCRA Metals ()		TCLP (Organics-Pesi/Herb () —	3. Nitrie Acid (HNO ₃), pH<2 8. Ascorbic Acid
Organics-BNA ()		O-1		4. Hydrochloric acid (HCl) 9. FAS
rox ()		,	<i>,</i> —	5. Sodium Thiosulfate 10.Other
	-	*		5. Booliday Thiosultate 10.Other
1. Specific Organics Volatiles ()		Phenols GC ()	Sample type legend:
No. and the second		Semi-Volitiles (BNA) ()	
1.4.1.14		PCB s Only ()	grab samples 'x
TEX ()		TPH 418 ! () —	composite samples xx
TTO & Dioxin		**************************************	_	•
		4.11	1	Turnaround time: Sampling Equipment:
. Microbiology			_	l day () Automatic Sampler ()
ecal Coliform ()		Total Coliform (1	
			_	2 days () Sample Pick Up ()
omments:				3 days ()
				5 days ()
				Note: normal turnaround time is ten (10) working days;
				additional about 1 C 4 2
			Origin	al additional charges apply for rush orders.





ATTENTION:

Mr. Héctor Ávila

COMPANY:

DATE: December 19, 2014

AES Puerto Rico - Guayama

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1405521

SAMPLE COLLECTED BY: Client (Ávila)

SAMPLE DATE: 12/05/14 TIME: 15:40

DESCRIPTION: Stormwater 002

LAB. FILE ID: 1405521

DATE RECEIVED: 12/08/14

MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1405521 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Aluminum	200.7(ICAP)	Grab	mg/L	0.364	0.005	BTR	12/15/14
Iron	200.7(ICAP)	Grab	mg/L	0.063	0.010	BTR	12/15/14
Lead	200.7(ICAP)	Grab	mg/L	<0.001	0.001	BTR	12/15/14
Zinc	200.7(ICAP)	Grab	mg/L	0.026	0.001	BTR	12/15/14

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained of Analysis has been authorized by the Laboratory Manager or the Manager's Designee Sample results relative e submitted.

Lcda. Iris M. Chévere Alfde **Laboratory Director** Chemist License 2370

Attachment: Chain of Custody Records (1)

PAGE 1 OF 1

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BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street • Ponce, P.R 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY	ALS GMA.	SAMPLER Avila
SAMPLE LOCATION/CLIENT	ID	StormWater or	TIME 15:40 CONTROL NO.
SAMPLE DATE		12-5-14	BEL NO 14055-21 179975
1. General Environmental	PC	VSS PC	SamplingWitness;
Acidity ()		Alkalinity ()	Date/Time:
Ammonia as N ()		Bicarbonate ()	
BOD-5 ()		Bromide (')	Relinquished by:
Chloride ()		Chlorine, Res. ()	12/8/14 1:100
COD ()		Color (ADMI) (')	Date/Time:
Conductivity µmhovem ()		Color (Pt-Co)	
Dissolved Oxygen ()	_	Cyanide ()	Received by:
Hardness () Moisture % ()		Fluoride ()	- Cacy
n.t. 1		lodide (;)	Date/Time: 12-8-14 1:15PM
Nitrite () OiHGrease ()			
Phenol ()	_		Relinquished by:
Phosphorus, Total ()		pH, S.U. (,) Phosphate, Ortho ()	- Tolly
Sett Solids rag/L ()		Sent. Solids mL/L ()	Date/Time: 12-8-14 2130P/
Sulfate ()	_	Solids, Total	
Sulfite ()		Sulfide ()	Received by:
TDS ()	_	Surfactant ()	pludy & Olyan
Temperature. *C ()		TSS ACEL	Date/Time: 12/1/14 2:35pm
TOC ()	-	TKN ()	
Asbestos ()	_	Turbidity ()	Relinquished by:
TVS ()		Carbonate ()	- · ·
Total Nitrogen ()			Deta/Times
2. Metals:	1. 2	0.1	Date/Time:
Aluminum (Al) (X)	113	Cadmium (Cd) ()	Received by:
Chromium (Cr) ()		Copper (Cu) ()	•
fron (Fe) (X)		Lead (Pb) (X) 113	Pote/Firms:
Manganese (Mn) ()	-	Mercury (Hg) ()	Date/Time:
Nickel (Ni) () Silver (Ag) ()		Selenium (Se) ()	B.C
11.07	173	Tin (Sn) ()	Matrix
	77.	Arsenic (As) ()	air () water (义) sludge ()
Bartum (Ba) () Amimony (Sb) ()		Boron (B) ()	
Bismuth (Bi) ()		belyman (be) ()	liquid () soil () solid ()
Chromium, VI (CrVI) ()	-		oil () mixed () other ()
Magnesium (Mg) ()	-	Molybdenum (Mo) ()	
Potassium (K) ()		Silicon (Si) ()	Specify:
Sodium (Na) ()		Strontium (Sr) ()	
Thallium (TI) ()	_	Titanium (Ti) ()	Preservative Codes = PC
Vanadium (V) ()		Lithium (Li) ()	· · · · · · · · · · · · · · · · · · ·
(1)			I Cool coc
3. RCRA/Hazardous wastes			1. Cool, <6°C 6. Sodium Hydroxide(NaOH)
Ignitability (Flash Pt.) ()		Corrosivity ()	2. Sulfuric Acid (H ₂ SO ₄) pH<2 7. Zinc Acetate
Reactivity (CN & S) ()	_	TCLP ()	3. Nitric Acid (HNO ₃), pH<2 8. Ascorbic Acid
RCRA Metals ()	_	Organics-Pest/Herb ()	
Organics-BNA ()		Organics-VOA ()	4. Hydrochloric acid (HCl) 9. FAS
TOX ()	_		5. Sodium Thiosulfate 10.Other
4 Specific O		PALL A CO	
4. Specific Organics Volatiles ()		Phenois GC ()	Sample type legend:
		Semi-Volitiles (BNA) ()	
		PCB's Only ()	grab samples x
		TPH 418.1 () —	composite samples xx
TTO & Dioxin ()		TTO ()	
 ()	-	TPH 8015 ()	Turnaround time: Sampling Equipment:
i. Microbiology		Lindane ()	
col Coliform ()		Total California	l day () Automatic Sampler ()
		Total Coliform ()	2 days () Sample Pick Up ()
omments:			3 days ()
			5 days ()
			Note: normal turnaround time is ten (10) working days;
		- • •	additional charges apply for rush orders.





ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: December 19, 2014

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1405522

SAMPLE COLLECTED BY: Client (Ávila)

DATE RECEIVED: 12/08/14

SAMPLE DATE: 12/05/14

DESCRIPTION: Stormwater 004

TIME: 15:50

LAB. FILE ID: 1405522

MATRIX: Water

				M	ATRIX: Water		
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1405522 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Aluminum Iron Lead Zinc	200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab	mg/L mg/L mg/L mg/L	0.240 0.244 <0.001 0.016	0.005 0.010 0.001 0.001	BTR BTR BTR BTR	12/15/14 12/15/14 12/15/14 12/15/14

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related to the first ele submitted

Loda. Ins M. Chévere All **Laboratory Director** Chemist License 2370

Attachment: Chain of Custody Records (1)

PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING • CERTIFICATION NUMBER E87556 • 192 VILLA STREET • PONCE, PR 00730-4875 • TEL (787) 841-7373 • FAX (787) 841-7313

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street • Ponce, P.R. 00730-4875
Tel. 787-841-7373 • Fax 787-841-7313
CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPAN	* AES GMA	•	SAMPLER AVILA
SAMPLE LOCATION/CI	JENT ID	StormWater	0	TIME 15:50 M CONTROL NO.
SAMPLE DATE		12-5-		BEL NO. 1805522 179976
1. General Environmental	: PC	VSS	PC	SamplingWitness;
Acidity (· —	Alkalinity ()		Date/Time:
Ammonia as N () —	Bicarbonate ()		Relinquished by:
BOD-5 (Chloride (}	Bromide ()	· —	
COD (Chlorine, Res. () Color (ADMI) ()		
Conductivity jumbos/cm ()	Color (Pt-Co) ()		Date/Time: 12/8/19 1-19/20
Dissolved Oxygen (<i>j</i> =	Cvanide ()		Received by:
Hardness (,	Fluoride ()	. —	FOR L
Moisture % ()	lodide ()		Date/Time: 12-8-14 1:15PM
Nitrite ()	Nitrate ()		
Oil+Grease ()	Nitrate + Nitrite ()		Relinquished by:
Phenol (Phosphorus, Total (· —	pH, S.U. ()		tars
Sett Solids mg/L (} =	Phosphate, Ortho () - Sett. Solids mL/L ()	_	Date/Time: 12-9-14 2.30PM
Sulfate (; <u> </u>	Solids, Total ()		
Sulfite () =	Sulfide ()	_	Received by:
TDS ()	Surfactant ()		Aludy & Ollamo Her
Temperature, "C () —	TSS ()	_	Date/Time / /2/1/14 2:35px
TOC (Asbestos (? —	TKN ()		
TVS (\ —	Turbidity () Carbonate ()		Relinquished by:
Total Nitrogen (·	Carbonate ()	-	·
2. Metals:	· —			Date/Time:
Aluminum (Al)	113	Cadmium (Cd) ()		Received by:
Chromium (Cr) (A.	Copper (Cu) ()	_	Received by.
Iron (Fe) (>		Lcad (Pb) (X)	13	•
Manganese (Mn) ()	Mercury (Hg) ()	<u> </u>	Date/Time:
Nicket (Ni) (Silver (Ag) (<u> </u>	Selenium (Sc) ()		B. # . 4 . 9
Silver (Ag) (Zinc (Zn) (≯		Tin (Sn) () Arsenic (As) ()		Matrix
Barium (Ba) ()	Boron (B) ()	_	air () water (Σ) sludge ()
Antimony (Sb) () —	Beryllium (Be) ()		liquid () soil () solid ()
Bismuth (Bi) (<u> </u>	Calcium (Ca) ()		oil () mixed () other ()
Chromium, VI (CrVI) (Cobalt (Co) ()	_	on () mixed () other ()
Magnesium (Mg) () —	Molybdenum (Mo) ()	_	Specify:
Potassium (K) (Sodium (Na) (· —	Silicon (Si) ()		specity.
Sodium (Na) (Thallium (TI) (. —	Strontium (Sr) () Titanium (Ti) ()	_	Preservative Codes = PC
Vanadium (V) (' —	Titanium (Ti) () Lithium (Li) ()		1 16361 VALLYC COUES — 1 C
(1)		C., ()		10.1.00
3. RCRA/Hazardous wast	es			1. Cool,<6°C 6. Sodium Hydroxide(NaOH)
gnitability (Flash Pt.) (· _	Corrosivity ()	_	2. Sulfuric Acid (H,SO,) pH<2 7. Zinc Acetate
000)	TCLP ()		3. Nitric Acid (HNO ₃), pH<2 8. Ascorbic Acid
	<u> </u>	Organics Pest/Herb ()		4. Hydrochloric acid (HCl) 9. FAS
7774	}	Organics VOA (
(,			5 Sodium Thiosulfate 10.Other
. Specific Organics		Phenois GC ()		Completent learned.
)	Semi-Volitiles (BNA) ()	_	Sample type legend:
)	PCB's Only ()		grab samples x
THE .)	TPH 418.1 ()		composite samples xx
	? —	()		•
I TO OC IDIOXIII ()	TPH 8015		Turnaround time: Sampling Equipment:
i. Microbiology		Lodane ()	_	
ecal Coliform ()	Total Coliform ()		l day () Automatic Sampler ()
		Total Coliform ()		2 days () Sample Pick Up ()
Omeron en fra				3 days ()
omments:				5 days ()
				Note: normal turnaround time is ten (10) working days;
			Orioi	additional charges apply for rush orders.

Original

Administrative Order on Consent
AES Puerto Rico Coal Fired Power Plant
Docket Number CWA-02-2015-3102
NPDES Tracking Number PRU020663

Attachment 6

Administrative Order on Consent Docket Number CWA-02-2015-3102

Compliance with AOC Section VII, ¶66

Required Reporting for Q1 2015 under Section B-12 of our MSGP

Industrial Discharge Monitoring Report (MDMR)



United States Environmental Protection Agency Washington, DC 20460 SGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)

Form Approved. OMB No. 2040-0004

MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)	
Reason(s) for Submission (Check all that apply):	· · · · · · · · · · · · · · · · · · ·
☑ Submitting monitoring data (Fill in all Sections). ☐ Reporting no discharge for all outfalls for this monitoring period (Fill in Sections A, B, C.1, D, and F). ☐ Reporting that your site status has changed to inactive and unstaffed (Fill in Sections A, B, F and include date of status change in comment field in Section E.4). ☐ Reporting that your site status has changed to active (Fill in all Sections and include date of status change in comment field in Section E.4). ☐ Reporting that no further pollutant reductions are achievable for all outffalls and for all pollutants via Part 6.2.1.2 of the MSGP (Fill in Sections A, B and F).	
A. Permit Tracking Number: PRR05BL65	completing this Form
B. Facility Information	
1. Facility Name: AES PUERTO RICO	
2. Facility Location: a. Street: P R - 0 3 K M 1 4 2 . 0 B 0 . J 0 B 0 S	
	-1-1-1
b. City: GUAYAMA	7 8 5 -
3. Additional Facility Information (Optional):	
Contact Name: MANUEL MATA BEMAIL Email: manuell.mata@aes.c	
Phone: 787 - 866 - 81117 Ext. 2233	
4. MDMR Preparer (Complete if MDMR was prepared by someone other than the person signing the certification in Section F)	
Prepared by: HECTOR M AVILA	
Organization: AES PUERTO RICO	
Email: hector.avilla@aes.com	
Phone: 787 - 866 - 81117 Ext. 2266	
C. Discharge Information	
1. Identify monitoring period: Check here if proposing alternative monitoring periods due to irregular stormwater runoff. Identify alter schedule and indicate for which alternative monitoring period you are reporting monitoring data:	native monitoring
☐ Quarter 1 (April 1 – June 30) ☐ Quarter 1: From 0 1 / 0 1 To 0 3 / 3 1	
☐ Quarter 2 (July 1 – September 30) ☐ Quarter 2: From 0 4 / 0 1 To 0 6 / 3 0	
☐ Quarter 3 (October 1 – December 31) ☐ Quarter 3: From 0 7 7 0 1 To 0 9 7 3 0	
☐ Quarter 4 (January 1 March 31) ☐ Quarter 4: From 1 0 / 0 1 To 1 2 / 3 1	
2. Are you required to monitor for cadmium, copper, chromium, lead, nickel, silver, or zinc? Yes (Complete line item 2.a.) No (Skip to Section D)	
2a. What is the hardness level of the receiving water? 6800 mg/L	
D. Outfall Information	
1. How many outfall(s) are identified in your SWPPP? 03 List name of outfall(s) required to be monitored in table below.	
2. Do any of your outfalls discharge substantially identical effluents? 🔲 YES 😾 NO	
2.a. If yes, for each monitored outfall, indicate outfall names that are substantially identical in table below.	
3.A. Monitored Outfall Name* 3.B. Substantially Identical Outfalls [List name(s) of outfall(s) substantially identical to outfall in 3.A. (if applicable)]	3.C. No Discharge?
*Reference attachment if additional space needed to complete the table	

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)

Form Approved. OMB No. 2040-0004

		MOST INDOOR IN TOOM	THE HOUSE	ING RELO	(MEDINA)			
E. Monitoring Information	ion					Note: Mai	Note: Make additional copies of this form as necessary	orm as necessary.
1. Permit Tracking Number:	oer PRROSBL	6 5						
2. Nature of Discharge:	2. Nature of Discharge: 🌠 Rainfall (Complete line items 2.a., 2.b., & 2.c.)	items 2.a., 2.b., & 2.c.) 🔲 Snowmelt						
2.a. Duration of the rainfall event (hours):	all event (hours): 0 1	2.b. Rainfall amount (inches):	00	2.c. Time s	since previous measurable	2.c. Time since previous measurable storm event (days): 0003	E (
3.a. Outfall Name	3.b. Monitoring Type (QBM, ELG, S/T, t, O)*	3.c. Parameter	3.d. Quality or Concentration	3.e. Units	3.f. Results Description	3.g. Collection Date	3.h. Exceedance due to natural background pollutant levels	3.i. No further pollutant reductions achievable?
002	QMB	Aluminum	0.0.947	mg/L		2/19/15		
002	QMB	Iron	0.272	mg/L		2/19/15		
002	QMB	Lead	0.004	mg/L		2/19/15		
002	QMB	Zinc	0.006	mg/L		2/19/15		
001	QMB	Aluminum	0.568	mg/L		2/19/15		
001	QMB	Iron	0.344	mg/L		2/19/15		
001	QMB	Lead	0.002	mg/L		2/19/15		
001	QMB	Zinc	0.124	mg/L		2/19/15		
003	QMB	Aluminum	0.912	mg/L		2/19/15		
.003	QMB	Iron	0.396	mg/L		2/19/15		
003	QMB	Lead	0.007	mg/L		2/19/15		
003	QMB	Zinc	600.0	mg/L		2/19/15		
* (QBM) - Quarterly benc	chmark monitoring; (ELG) -	* (QBM) - Quarterly benchmark monitoring; (ELG) - Annual effluent limitations guidelines monitoring; (S/T) - State- or Tribal-specific monitoring; (I) - Impaired waters monitoring; (O) -Other monitoring as required by EPA	onitoring; (S/T) - Sta	ate- or Tribal	-specific monitoring; (I) - Ir	npaired waters monitoring;	(O) -Other monitoring as requ	ired by EPA
4. Comment and/or Expi	anation of Any Violations (I	 Comment and/or Explanation of Any Violations (Reference all attachments here) 				-		
F. Certification								
Hector M. Avila		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware	w that this document and all attachments were prepared vision in accordance with a system designed to assure perly gathered and evaluated the information submitted. Person or persons who manage the system, or those a for gathering the information, the information submitted dge and belief, true, accurate, and complete. I am awar	tachments v ystem design the informat ge the system the informat and comple	were prepared ned to assure (ion submitted. In those attorn submitted ite. I am aware			3/9/5
Typed or Printed Name/ Officer or Au	Typed or Printed Name/Title of Principal Executive Officer or Authorized Agent	that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	r submitting false infi or knowing violations	ormation, inc s.		Signature of Principal Executive Officer or Authorized Agent	Officer or Authorized Agent	Date
Email of Principal Execut	Email of Principal Executive Officer or Authorized Agent:	hector.	a v i 1 a@a e s .	. c o m				

Instructions for Completing the MSGP Industrial Discharge Monitoring Report (MDMR)

Who Must Submit A Discharge Monitoring Report to EPA?

Facilities covered under the Multi-Sector General Permit (MSGP or permit) that are required to monitor pursuant to Parts 6.2, 6.3, and 8 of the permit must submit the MSGP Discharge Monitoring Report (MDMR) consistent with the reporting requirements specified in Part 7.1 of the permit.

Where to File the MDMR Form

Monitoring data collected pursuant to Parts 6.2, 6.3, and 8 of the permit must be submitted electronically via EPA's Electronic Notice of Intent System (eNOI), which can be found at www.epa.gov/npdes/enoi. Filing electronically will allow permittees to easily submit the results of monitoring data to EPA. If you cannot access eNOI, monitoring results must be reported on the paper MDMR form and sent to one of the following addresses:

Via U.S. mail:

U.S. Environmental Protection Agency Office of Water, Water Permits Division Mail Code 4203M, ATTN: MSGP Reports 1200 Pennsylvania Avenue, NW Washington, D.C. 20460

Via Overnight/Express Delivery:

U.S. Environmental Protection Agency Office of Water, Water Permits Division Room 7420, ATTN: MSGP Reports 1201 Constitution Avenue, NW Washington, D.C. 20004 Phone number: 202-564-9545

Completing the MDMR Form

To complete this form, type or print in uppercase letters in the appropriate areas only. Be sure that you complete all applicable questions. Photocopy your MDMR form for your records before you send the completed original form to the appropriate address above. Use ink when you sign and mail the original document - EPA will not accept photocopies. You may also use this paper form as a checklist for the information you will need when submitting a MDMR electronically via EPA's eNOI system.

Reasons for Submission

Indicate your reason(s) for submitting this MDMR by checking all boxes that apply. The reasons for submission are defined as follows:

- Submitting monitoring data: For each storm sampled, submit one MDMR form with data for all outfalls sampled. Select this reason even if you only have monitoring data for some of your outfalls (i.e., some outfalls did not discharge). If you select this reason you are required to complete all Sections of the form.
- Reporting no discharge for all outfalls for this monitoring period: Indicates that there were no discharges from all outfalls during this monitoring period. If you select this reason you are only required to complete Sections A, B, C.1, D, and F.
- Reporting that your site status has changed to inactive and unstaffed: Indicates that your facility is currently inactive and unstaffed (See Part 6.2.1.3 of the permit for more information). If you select this reason you are only required to complete Sections A, B, and F and include date of status change in the comment field in Section E.4.
- Reporting that you site status has changed from inactive to active: Indicates that your facility is currently active (See Part 6.2.1.3 of the permit for more information). If you select this reason you are required to complete all Sections of the form and include date of status change in the comment field in Section E.4.
- Reporting that no further reductions are achievable for all outfalls and for all pollutants via Part 6.2.1.2 of the permit. Indicates that your facility has determined that no further pollutant reductions are technologically and economically practicable in light of best industry practice to meet the technology-based effluent limits or are necessary to meet the waterquality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1.2 of the permit for more information). If you select this reason you are required to complete Sections A, B and F. However, if you can make this finding for some outfalls and pollutants, but not for others, you cannot select this reason; you will instead be able to identify which outfalls and which pollutants you can make this finding for in Section E.

Section A. Permit Tracking Number

Enter the National Pollutant Discharge Elimination System (NPDES) tracking number assigned by EPA's Stormwater Notice Processing Center to the facility. If you do not know the tracking number, you can find the tracking number assigned to your facility on EPA's Notice of Intent (NOI) Search website (www.epa.gov/npdes/noisearch).

Section B. Facility Information

- Enter the facility's official or legal name. Unless the name of your facility has changed, please use the same name provided on your NOI. You can use EPA's NOI Search website (www.epa.gov/npdes/noisearch) to view your NOI.
- 2.a-d. Enter the street address, including city, state, and zip code of the actual physical location of the facility. Do not use a P.O. Box.
- (Optional) Identify the name, telephone number, and email address of the person who will serve as a contact for EPA on issues related to monitoring at your facility. This person should be able to answer questions related to stormwater discharges and monitoring or have immediate access to individuals with that knowledge. This person does not have to be the facility operator, but should have intimate knowledge of monitoring activities at the facility
- if the form was prepared by someone other than the person who is signing the certification statement in Section F (for example, if the MDMR was prepared by a member of the facility's stormwater pollution prevention team or a consultant for the certifier's signature), include the name, organization, phone number and email address of the MDMR preparer.

Section C. Discharge Information

- Indicate the appropriate monitoring period (Quarter 1, 2, 3, or 4) covered by the MDMR. "Alternative" monitoring periods can apply to facilities located in arid and semi-arid climates, or in areas subject to snow or prolonged freezing. To use alternative monitoring periods, you must provide a revised monitoring schedule here in the first monitoring report submitted and indicate for which alternative monitoring period you are reporting monitoring data. If using alternative monitoring periods, identify the first day of the monitoring period through the last day of the monitoring period for each of the four periods. The dates should be displayed as month (Mo) / day (Day). See Parts 6.1.6 and 6.1.7 of the permit for more information.
- If you are submitting benchmark monitoring data, identify if your facility is required to collect benchmark samples for one or more hardness-dependent metals (i.e., cadmium, copper, lead, nickel, silver, and zinc). If you select "yes" to this question you must also complete Question 2.a. and if you select "no" to this question you may skip to Section D.
- 2.a. If you selected "yes" for Question 2 under Section C, then you are required to submit to EPA with your first benchmark report a hardness level, established consistent with the procedures in Appendix J of the permit, which is representative of your receiving water. If your outfalls discharge to more than one receiving water, as reported in your NOI form, you should report hardness for the receiving water with the lowest hardness values. Hardness values must be reported in milligrams per liter (mg/L).

Section D. Outfall Information

- Enter the total number of outfalls identified in your stormwater pollution prevention plan (SWPPP). Outfalls are locations where stormwater exits the facility, including pipes, ditches, swales, and other structures used to remove stormwater from the facility.
- Indicate if your facility has two or more outfalls that you believe discharge substantially identical effluents (i.e., stormwater), based on the similarities of the general industrial activities and control measures, exposed materials that may significantly contribute pollutants to stormwater, and runoff coefficients of their drainage areas. See Parts 5.1.5.2 and 6.1.1 of the permit for more information on substantially identical outfalls.
- 2.a. If you selected "yes" for Question 2 under Section D, then you must list the outfall name(s) in Column 3.B. that you expect to be substantially identical to the corresponding outfall in Column 3.A.
- Monitored Outfall Name: List name(s) of outfall(s) you are required to monitor in Column 3.A.
- Substantially Identical Outfalls: List name(s) of outfall(s) substantially identical to 'Monitored Outfall' in Column 3.A. (if applicable)].
- 3.C No Discharge: Check box if you are reporting "No Discharge" for the monitored outfall for the reporting period identified in Section C.1.

Example:

3.A Monitored Outfall Name	3.B. Substantially Identical Outfall	3.C. No Discharge
Outfall A	Outfall B; Outfall C	
Outfall D		

Reference attachment if additional space is needed to complete the Table Section D.

Section E. Monitoring Information

- Enter the NPDES tracking number assigned by EPA's Stormwater Notice Processing Center to the facility reported in Section A.
- 2. For the reported monitoring event indicate whether the discharge was from a rainfall or snowmelt event. If you select "rainfall" then indicate the duration (in hours) of the rainfall event, rainfall total (in inches) for that rainfall event, and time (in days) since the previous measurable storm event in line items 2.a-c. For both rainfall and snowmelt monitoring, you must identify the date of collection for the monitoring event in column 3.g. of the table. If the discharge occurs during a period of both rainfall and snowmelt, check both the rainfall and snowmelt boxes and report the appropriate rainfall information in item 2.a-c. To report multiple monitoring events in the same reporting period, copy Page 2 of this Form and enter each monitoring event separately with data for all outfalls sampled.

For each pollutant monitored at an outfall, you must complete one row in the Table as follows:

- Outfall Name: Provide the outfall name for which you monitored (e.g., Outfall 1, Outfall 2, Outfall 3).
- Monitoring Type: Provide the type of monitoring using the specified codes, in parentheses, below:
 - · (QBM) Quarterly benchmark monitoring
 - . (ELG) Annual effluent limitations guidelines monitoring;
 - (S/T) State- or Tribal-specific monitoring;
 - . (I) Impaired waters monitoring; or
 - (O) Other monitoring as required by EPA.
- Parameter(s): Enter each "Parameter" (or "pollutant") monitored. For QBM and ELG monitoring, use the same parameter name as in Part 8 of the permit.
- 3.d. Quality or Concentration: Enter sample measurement value for each parameter analyzed and required to be reported. Enter "ND" (i.e., not detected) for any sample results below the method detection limit or "BQL" (i.e., below quantitation limit) for sample results above the detection limit but below the quantitation limit.
- 3.e. Units: Enter the units for sample measurement values (i.e., "mg/L" for milligrams per liter) for each parameter analyzed and required to be reported. For monitoring results reported as ND or BQL this space will be left blank and the units will be reported in Column 3.f.
- 3.f. Results Description: This section must be completed for any monitoring results reported as ND or BQL in the "Quality or Concentration" column. For ND, report the laboratory detection level and units in this column. For BQL, report the laboratory quantitation limit and units in this column.
- Collection Date: Identify the sampling date for each parameter monitoring result reported on this form
- 3.h. Exceedance due to natural background pollutant levels: Check box if following the first 4 quarters of benchmark monitoring (or sooner if the exceedance is triggered by less than 4 quarters of data) you have determined that the exceedance of the benchmark is attributable solely to the presence of that pollutant in the natural background for that outfall and any substantially identical outfalls. See Part 6.2.4.2 of the permit for more information. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.
- 3.i. No further pollutant reductions achievable: Check box if after collection of 4 quarterly samples (or sooner if the exceedance is triggered by less than 4 quarters of data), the average of the 4 monitoring values for any parameter exceeds the benchmark and you have made the determination that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice to meet the technology-based

- effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1. of the permit for more information) for that outfall and any substantially identical outfalls. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.
- 4. Where violations of the permit requirements are reported, include a brief explanation to describe the cause and corrective actions taken, and reference each violation by date. Also, this section should include any additional comments such as are required when changing site status from inactive and unstaffed to active or vice versa. Attach additional pages if you need more space.

Attach additional copies of Section E as necessary to address all outfalls and parameters.

Section F. Certification

Enter "Name/Title of Principal Executive Officer or Authorized Agent," "Date" form was signed and email of the "Principal Executive Officer or Authorized Agent," "Date" form was signed and email of the "Principal Executive Officer or Authorized Agent." If you submit multiple pages of Section E monitoring data, each page must be appropriately signed and certified as described below.

Certification statement and signature (see Section B.11 in Appendix B of the permit for more information). Federal statutes provide for severe penalties for submitting false information on this reporting form. Federal regulations require this form to be signed by one of the following individuals, or a duly authorized representative of that person, as follows:

For a corporation: by a responsible corporate officer, which means:

- (i) president, secretary, treasurer, or vice-president of the corporation in charge
 of a principal business function, or any other person who performs similar policy
 or decision making functions for the corporation, or
- (ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

For a partnership or sole proprietorship: by a general partner or the proprietor; or For a municipal, State, Federal, or other public facility: by either a principal executive or ranking elected official.

Paperwork Reduction Act Notice

Public reporting burden for this certification is estimated to average 7.25 hours per response plus an additional 2 hours for respondents required to gather hardness data, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments regarding the burden estimate, any other aspect of the collection of information, or suggestions for improving this form, including any suggestions which may increase or reduce this burden to: Director, Office of Environmental Information Services, Collection Services Division (2823), USEPA, 1200 Pennsylvania Avenue, NW, Washington, DC 20460. Include the OMB control number of this form on any correspondence. Do not send the completed MDMR form to this address.





ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: February 27, 2015

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1500639

SAMPLE COLLECTED BY: Client (H. Ávila)

SAMPLE DATE: 02/19/15

DESCRIPTION: SW-001 LAB. FILE ID: 1500639

TIME: 6:30AM DATE RECEIVED: 02/19/15

MATRIX: Water

				•••			
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1500639 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
TSS	SM 2540 D*	Grab	mg/L	<4.00	4.00	wv	02/24/15
Aluminum	200.7(ICAP)	Grab	mg/L	0.568	0.005	BTR	02/24/15
Iron	200.7(ICAP)	Grab	mg/L	0.344	0.010	BTR	02/24/15
Lead	200.7(ICAP)	Grab	mg/L	0.002	0.001	BTR	02/24/15
Zinc	200.7(IÇAP)	Grab	mg/L	0.124	0.001	BTR	02/24/15

TSS-Total Suspended Solids

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related por e submitted.

Loda. Iris M. Chévere Alfonzo **Laboratory Director**

Chemist License 2370

Attachment: Chain of Custody Records (1)



THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING CERTIFICATION NUMBER E87556 •

192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

^{*}Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

4 0.0

192 Villa Street • Ponce, P.R 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPA	ES Guayan	1 000	SAMPLE Avila
SAMPLE LOCATION/CLIF	ENT ID	Sw- do		TIME 6:30 (AM) CONTROL NO
SAMPLE DATE		2-19	- 1	15 BEL NO 1500639 180221
I. General Environmental:	PC	vss	PC	SamplingWitness;
Acidity () Ammonia as N ()	_	Alkalinity ()		Date/Time:
BOD-5	-	Bicarbonate () Bromide ()		Relinquished by:
Chloride ()		Chlorine, Res. ()		1000
COD ()		Color (ADMI) ()		Date/Time: 1/9/48/15 1:10 mm
Conductivity µmhos/cm ()	Color (Pt-Co) ()		
Dissolved Oxygen ()	_	Cyanide ()		Received by:
Hardness ()	_	Fluoride ()		leto lun Aun
Moisture % ()	_	lodide ()		Bate/Time: / 7-19-15/ 1:10/h
Nitrite () Oil+Grease ()	_	Nitrate ()		
Phenol ()		Nitrate + Nitrite () pH, S.U. ()	_	Relinguished by:
Phosphorus, Total ()		Phosphate, Ortho ()		Mitto Kier Roman
Sett Solids mg/L ()		Sett. Solids mL/L ()		Date/Tiple: 2-19-15 2:05/1
Sulfate ()	_	Solids, Total ()	_	
Sulfite ()		Sulfide ()		Received by: Juneaux Amelian
TDS ()		Surfactant ()		7,7,0000 7/0
Temperature, °C ()		TSS	1	Date/Time: 2-19-15 3:05 pm
TOC () Asbestos ()	_	TKN (") Turbidity ()		Relinquished by:
TVS ()		Carbonate ()	_	Kemiquished by.
Total Nitrogen ()		Carbonate ()	_	
2. Metals:				Date/Time:
Aluminum (Al)	1.3	Cadmium (Cd) ()	_	Received by:
Chromium (Cr) ()	CTR.	Copper (Cu) ()		100011ca by.
Iron (Fe) (13	Lead (Pb) (X)	43	Data/Firma
Manganese (Mn) (*) Nickel (Ni) ()		Mercury (Hg) ()		Date/Time:
Nicket (Ni) () Silver (Ag) ()		Selenium (Sc) () Tin (Sn) ()	_	Matrix
Zine (Zn) (Zn)	1.7	Arsenic (As) ()		
Barium (Ba) ()	_	Boron (B) ()		air () water (X) sludge ()
Antimony (Sb) ()		Beryllium (Be) ()		liquid () soil (`) solid ()
Bismuth (Bi) ()	_	Calcium (Ca) ()	_	oil () mixed () other ()
Chromium, VI (CrVI) ()	_	Cobalt (Co) ()		() ()
Magnesium (Mg) () Potassium (K) ()	-	Molybdenum (Mo) () Silicon (Si) ()		Specify:
Sodium (Na) ()		Silicon (Si) () Strontium (Sr) ()		
Thallium (TI) ()		Titanium (Ti) ()		Preservative Codes = PC
Vanadium (V) ()		Lithium (Li) ()	_	
				1. Cool.<6°C 6. Sodium Hydroxide(NaOH)
3. RCRA/Hazardous wastes				•
Ignitability (Flash Pt.) () Reactivity (CN & S) ()		Corrosivity ()		2. Sulfuric Acid (H ₂ SO ₄) pH<2 7. Zinc Acetate
RCRA Metals ()	_	TCLP () Organics-Pest/Herb ()		3. Nitric Acid (HNO ₃), pH<2 8. Ascorbic Acid
Organics-BNA ()		Organics-Pest/Herb () Organics-VOA ()	—	4. Hydrochloric acid (HCl) 9. FAS
rox ()				5. Sodium Thiosulfate 10.Other
4. Specific Organics		Phenois GC ()		Sample type legand:
Volatiles ()		Sem:-Volitiles (BNA) ()		Sample type legend:
Pesticides/PCB's ()		PCB's Only ()	_	grab samples x
Herbicides ()		TPH 418.1 ()	_	composite samples xx
BTEX ()		TTO ()		• •
FTO & Dioxin ()		TPH 8015 () Lindane ()	_	Turnaround time: Sampling Equipment:
i. Microbiology		Lindane ()	—	1 day () Automatic Sampler ()
Fecal Coliform ()		Total Coliform ()		l day () Automatic Sampler ()
. /			_	2 days () Sample Pick Up ()
Commonter				3 days ()
Comments:				5 days ()
	_		-	Note: normal turnaround time is ten (10) working days;
		***	-	
				additional charges apply for rush orders.





ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: February 27, 2015

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1500640

SAMPLE COLLECTED BY: Client (H. Ávila)

SAMPLE DATE: 02/19/15 TIME: 6:35ÂM

DESCRIPTION: SW - 002

LAB. FILE ID: 1500640

DATE RECEIVED: 02/19/15

MATRIX: Water

	T				THIN. TYDIE!		
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1500640 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
TSS Aluminum Iron Lead Zinc	SM 2540 D* 200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab Grab	mg/L mg/L mg/L mg/L mg/L	6.00 0.947 0.272 0.004 0.006	4.00 0.005 0.010 0.001 0.001	WV BTR BTR BTR	02/24/15 02/24/15 02/24/15 02/24/15 02/24/15

TSS-Total Suspended Solids

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfor **Laboratory Director** Chemist License 2370

Attachment: Chain of Custody Records (1)



PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING CERTIFICATION NUMBER E87556 •

192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

^{*}Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

22 vina Succi v Police, P.K. 00/30-48/5	CITAIN OF CHOTODY BECORD
Tel. 787-841-7373 - Fax 787-841-7313	CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPAN	55 Gu	yon	_	SAMPLIER AVILA
SAMPLE LOCATION/CLIE	stip	Sw_	100	2	TIME 6:35 AM CONTROL NO.
SAMPLE DATE		2-	19	_	15 BEL. NO. 1500640 180803
General Environmental Acidity ()	PC	VSS Alkalinity	()	PC	SamplingWitness;
Ammonia as N ()		Bicarbonate	()		PARTON
BOD-5 ()		Bromide	()	_	Relinquished by:
Chloride ()		Chlorine, Res.	()	_	Jest 15
COD () Conductivity µmhos/em ()		Color (ADMI)	()		Date/Timet 1915-5/17 1.10 Pan
Dissolved Oxygen ()		Color (Pt-Co) Cyanide	()		Received by:
Hardness ()		Fluoride	$\dot{}$		/ With lin / Strand
Moisture % ()		Iodide	()		The Tient
Nitrite ()		Nitrate	()		Date/Time: 7-19-15/1:10 pm
Oil+Grease () Phenol ()	-	Nitrate + Nitrite pH, S.U.	()		Religioushed by:
Phonol () Phosphorus, Total ()		Phosphate, Ortho	()	_	1 to live / penns
Sett Solids mg/L ()	_	Sett. Solids mL/L	()	_	Date/Time: 2-19-15 2:11514
Sulfate ()		Solids, Total	()		Received by: /2 /2
Sulfite ()		Sulfide	()	_	The active Dentest
TDS () Temperature. °C ()		Surfactant TSS	()	1	Annace Copical
TOC ()		TKN	(4)	₩-	Date/Time:) 2-19-15 3:05 pm
Asbestos ()		Turbidity	()		Relinquished by:
TVS ()	40-000-00-	Carbonate	()		•
Total Nitrogen ()					Date/Time:
2. Metals: Aluminum (Al) (A)	1,3	Cadmium (Cd)	()		
Aluminum (Al) (Cr) ()		Cadmium (Cd) Copper (Cu)	()		Received by:
fron (Fe) (20)	1,3	Lead (Pb)	(24)	1,3	
Manganese (Mn) ()		Mercury (Hg)	()		Date/Time:
Nickel (Ni) ()		Selenium (Se)	()		
Silver (Ag) () Zinc (Zn) ((2n)	(3	Tin (Sn)	()		Matrix
Zinc (Zn) (X) Barium (Ba) ()	77	Arsenic (As) Boron (B)	()		air () water (χ) sludge ()
Antimony (Sb) ()		Beryllium (Bc)	()		liquid () soil () solid ()
Bismuth (Bi) ()	_	Calcium (Ca)	()		oil () mixed () other ()
Chromium, VI (CrVI) ()		Cobalt (Co)	()		on () mixed () onler ()
Magnesium (Mg) () Potassium (K) ()		Molybdonum (Mo)	()	_	Specify:
Potassium (K) () Sodium (Na) ()		Silicon (Si) Strontium (Sr)	()	_	
Thallium (Tl) ()		Titanium (Ti)	()		Preservative Codes = PC
Vanadium (V) ()		Lithium (Li)	()		
					1. Cool, < 6° C 6. Sodium Hydroxide(NaOH)
3. RCRA/Hazardous wastes		Commission	, .		2. Sulfuric Acid (H,SO ₄) pH<2 7. Zinc Acetate
Ignitability (Flash Pt.)() Reactivity (CN & S) ()		Corrosivity TCLP	()		* '
RCRA Metals ()		Organics-Pest/Herb	()		3. Nitric Acid (HNO ₃), pH<2 8. Ascorbic Acid
Organics-BNA ()		Organics-VOA	<i>()</i>	_	4. Hydrochloric acid (HCl) 9. FAS
TOX ()				-	5. Sodium Thiosulfate 10.Other
4. Specific Organics		Phenois GC	()		Sample type legend:
Volatiles ()	****	Semi-Volitiles (BNA)			
Pesticides/PCB's ()		PCB's Only	()		grab samples x
Herbicides () BTEX ()		TPH 418.1	()		composite samples xx
TTO & Dioxin ()	_	TTO TPH 8015	()		Turnaround time: Sampling Equipment:
		Lindane	()		
5. Microbiology				_	1 day () Automatic Sampler ()
Fecal Coliform ()		Total Coliform	()		2 days () Sample Pick Up ()
					3 days ()
Comments:					
					5 days ()
					Note: normal turnaround time is ten (10) working days;
					additional charges apply for rush orders.





ATTENTION:

Mr. Hector Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: February 27, 2015

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1500641

SAMPLE COLLECTED BY: Client (H. Ávila)

SAMPLE DATE: 02/19/15

DESCRIPTION: SW-003

TIME: 6:50AM

mg/L

mg/L

LAB. FILE ID: 1500641 **MATRIX:** Water

0.001

0.001

BTR

BTR

02/24/15

02/24/15

DATE RECEIVED: 02/19/15

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1500641 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
TSS Aluminum Iron Lead	SM 2540 D* 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab	mg/L mg/L mg/L	10.0 0.912 0.396	4.00 0.005 0.010	WV BTR BTR	02/24/15 02/24/15 02/24/15

0.007

0.009

TSS-Total Suspended Solids

Zinc

Grab

Grab

200.7(ICAP)

200.7(ICAP)

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfon Laboratory Director Chemist License 2370

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BECKTON ENVIRON 192 Villa Street • Tel. 787-841-73	Ponce, P.R.	00730-4875	OF CU	REVISION 20 STODY RECORD
PROYECT NO.	COMPAN		ma	SAMPLES Avila
SAMPLE LOCATION/CLIE	STID	505-	00	3 TIME 6:50 AM CONTROL NO.
SAMPLE DATE		7 -	19 - 1	5 BEL. NO. 1500641 180804
I. General Environmental:	PC	VSS	PC	SamplingWitness;
Acidity () Ammonia as N ()		Alkalinity ()	Date/Time:
BOD-5 ()		Bicarbonate (Bromide)	Relinquished by:
Chloride ()		Chlorine, Res. ()	
COD ()	_	Color (ADMI)	,	D. W. 18 (10)
Conductivity µmhus'em ()	_	Color (Pt-Co)	, -	Date/Time 19 18 15/ 1:10 PM
Dissolved Oxygen ()		Cyanide)	Received by:
fardness ()	*****	Fluoride)	With line /ores/
Moisture % () Nitrite ()		fodide ()	Bate/Time: 7-19/-15 /:12.14
Vitrite () Dili-Grease ()	*****	Nitrate ()	
Phenol ()		Nitrate + Nitrite + Phys.U. (, -	Relinguished by:
Phosphorus, Total ()		Phosphate, Ortho)	1 ho hu / ken
Sett Solids mg/L ()		()	,	Date/Time: 2-17-15 3:05/14
Sulfate ()		Solids, Total)	
Suffite ())	Received by
Femperature, "C ()		Surfactant ()	Nemace Circles
FOC ()		TSS C		Date/Time: 2-19-15 3:05 pm
Ashestos ())	Relinguished by:
VS ()		100)	Reiniquished by.
otal Nitrogen ()			· —	
. Metals:	12			Date/Time:
Muminum (Al)	13	Cadmium (Cd) ()	Received by:
	\Box	Copper (Cu) (
ron (Fe) (X) Anganese (Mn) ()		Lead (Pb) (A Mercury (Hg) (Date/Time:
lickel (Ni) ()	Tile tile som	Mercury (Hg) (Selenium (Se) (,	Date Title.
ilver (Ag) ()		Tin (Sn) (-	Matrix
inc (7.n)	1,1	Arsenie (As) ()	
Barium (Ba) ()		Boron (B) ()	air () water () sludge ()
intimony (Sb) ()		Beryllium (Be) ()	liquid () soil $($ $^{f \lambda}$) solid ()
ismuth (B i) () hromium, VI (CrVI) ()	-	Calcium (Ca) (oil () mixed () other ()
fagnesium (Mg) ()		Cobalt (Co) (Molybdenum (Mo) (. —	, , , , , , , , , , , , , , , , , , , ,
otassium (K) ()	70.00	Silicon (Si) (<u>'</u>	Specify:
odium (Na) ()		Strontium (Sri (, —	•
hallium (T1) ()		Titanium (Ti) ()	Preservative Codes = PC
anadium (V) ()		Lithium (Li) ()	
RCRA/Hazardous wasies				1. Cool.<6°C 6. Sodium Hydroxide(NaOH)
mitability (Flash Pt.)()		Corresivity (2. Sulfuric Acid (H,SO ₄) pH<2 7. Zinc Acetate
eactivity (CN & S) ()		TCLP (• •
CRA Metals ()		Organics-Pest/Herb (3. Nitric Acid (HNO ₃), pH<2 8. Ascorbic Acid
rganics-BNA ()	-	Organics-VOA (4. Hydrochloric acid (HCI) 9. FAS
OX ()	****			5. Sodium Thiosulfate 10.Other
Specific Organics		Planet CC		
olatiles ()		Phenols GC () Semi-Volitiles (BNA) ()		Sample type legend:
esticides PCB's ()	1000	PCB's Only ()		grab samples x
erbicides ()		TPH 418.1	-	N
TEX ()	-	TTO ()	100,000	•
TO & Dioxin ()	-271	TPH 8015 ()		Turnaround time: Sampling Equipment:
Microbiolom		Lindane ()	200=0	
Microbiology cal Coliforn ()		Thornt Chatles		1 day () Automatic Sampler ()
cat Coliforn ()		Total Coliform ()	****	2 days () Sample Pick Up ()
				3 days ()
omments:				
				5 days ()

Original

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.